Manitoba

Annual Report
2000 – 2001

Industry, Trade and Mines

April 1, 2000 - March 31, 2001

Includes 15% post-consumer waste

102-00084/

MINISTER OF
INDUSTRY, TRADE AND MINES

WINNIPEG, MANITOBA, CANADA
R3C 0V8

His Honour Peter M. Liba, C.M., O.M.
Lieutenant-Governor of Manitoba
235 Legislative Building
Winnipeg, Manitoba

May it Please Your Honour:

I am pleased to present the Annual Report for the Department of Industry, Trade and Mines for the fiscal year ending March 31, 2001.

Respectfully submitted,

MaryAnn Mihychuk
Minister

2001
International Year of Volunteers

MINISTER OF
INDUSTRY, TRADE AND MINES

WINNIPEG, MANITOBA, CANADA
R3C 0V8

Son Honneur Peter M. Liba, C.M., O.M.
Lieutenant-gouverneur du Manitoba
Palais législatif, bureau 235
Winnipeg (Manitoba)

Monsieur le Lieutenant-gouverneur,

J'ai le plaisir de présenter à Votre Honneur le rapport annuel du ministère de l'Industrie, du Commerce et des Mines pour l'exercice se terminant le 31 mars 2001.

Je vous prie d'agréer, Monsieur le Lieutenant-gouverneur, l'expression de mon profond respect.

La ministre,

MaryAnn Mihychuk

2001

Manitoba

Deputy Minister of
Industry, Trade
and Mines

Rm. 352 Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

Honourable MaryAnn Mihychuk
Minister of Industry, Trade and Mines
Room 358, Legislative Building
Winnipeg, Manitoba

Dear Madam:

I have the honour of presenting the Annual Report for the Department of Industry, Trade and Mines for the period April 1, 2000 to March 31, 2001.

The mission of the Department is to facilitate job creation by fostering and promoting an environment conducive to the sustainable development and growth of Manitoba business and mineral resources.

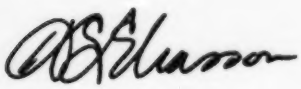
The activities and efforts undertaken by the Department, with our partners in industry, contributed to many successes. I am pleased to provide you with the following highlights in support of those activities.

- Manitoba continues to feel the rewards of being recognized as 'one of the best places in the world to invest in exploration and mining'. This year the province has experienced an expansion in frontier exploration, particularly for platinum group metals and diamonds. The search for diamonds has generated new and unprecedented levels of exploration activity in northeast Manitoba.
- Petroleum revenue increased from last year with $8.5 million being collected from the petroleum industry.
- The Manitoba Mining and Minerals Convention, hosted by the Department, continues to be a success by bringing together over 800 industry stakeholders.
- Five agreements negotiated by the Department, under the Manitoba Industry Opportunities Program, resulted in $11.1 million in new capital investment.
- Manitoba exports totalled $8.68 billion, an increase of 7.7% over 1999. The top four export destinations were the United States, Japan, China/Hong Kong and Mexico.
- The Energy Development Unit was launched to attract industries that can benefit from Manitoba's exceptionally low-cost and reliable hydroelectric power.
- Export counselling was provided to 150 Manitoba companies, an increase over 1999/00 when 128 companies received counselling.
- There were 265 export opportunities identified for company clients.
- The United States continued to be the predominant export market for Manitoba goods and services, representing 79.2% of total foreign exports.

- The Department assisted with the development or expansion of numerous co-operatives and businesses requiring a total proposed investment of approximately $12.5 million, potentially creating 120 jobs.
- Employment in Manitoba's "Customer Contact" sector has grown to approximately 10,0C0 Manitobans over the past year.
- An E-Business Service Centre was established, within the Canada/Manitoba Business Service Centre, to provide information that small and medium sized enterprises need to enable them to be aware and adopt e-commerce and e-business technologies within their business.

The Department will continue to undertake initiatives and strategic planning that will contribute to the success of Manitoba business expansion, job growth and mineral investment.

Respectfully submitted,



Hugh Eliasson

Manitoba

Deputy Minister of
Industry, Trade
and Mines

Rm. 352 Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

Madame MaryAnn Mihychuk
Ministre de l'Industrie, du Commerce et des Mines
Palais législatif, bureau 358
Winnipeg (Manitoba)

Madame la ministre,

J'ai le privilège de vous présenter le rapport annuel du ministère de l'Industrie, du Commerce et des Mines pour l'exercice couvrant la période du 1er avril 2000 au 31 mars 2001.

Le ministère s'est donné pour mission de faciliter la création d'emplois en encourageant l'établissement d'un milieu propice au développement durable des entreprises et des ressources minières du Manitoba.

Grâce aux activités et aux efforts réalisés par le ministère en collaboration avec ses partenaires de l'industrie, nous avons remporté beaucoup de succès. J'ai le plaisir de vous faire part des faits saillants qui suivent concernant nos activités :

- Le Manitoba continue de profiter des avantages d'être reconnu comme l'un des meilleurs lieux au monde pour les investissements dans l'exploration et l'exploitation minières. Cette année, la province a connu un essor dans le domaine de l'exploration pionnière, particulièrement en ce qui concerne les métaux du groupe platine et le diamant. La recherche du diamant a engendré un niveau sans précédent de travaux de prospection dans le Nord-Est du Manitoba.
- Les recettes pétrolières ont augmenté par rapport à l'année dernière, avec 8,5 millions de dollars provenant de l'industrie pétrolière.
- Le Congrès manitobain sur les mines et les minéraux, organisé par le ministère, a de nouveau été très populaire en attirant plus de 800 intervenants de l'industrie.
- Dans le cadre du Programme d'encouragement de l'entreprise au Manitoba, le ministère a conclu cinq ententes menant à un nouvel investissement de capitaux de 11,1 millions de dollars.
- Les exportations du Manitoba ont totalisé 8,68 milliards de dollars, une augmentation de 7,7 % par rapport à 1999. Les quatres principales destinations d'exportation étaient les États-Unis, le Japon, la Chine/Hong Kong et le Mexique.
- La Section du développement de l'énergie a été créée afin d'attirer des industries pouvant bénéficier de l'hydroélectricité exceptionnellement fiable et peu coûteuse du Manitoba.
- Cent cinquante entreprises manitobaines ont bénéficié de conseils en matière d'exportation, ce qui représente une augmentation par rapport à l'année 1999-2000, alors que 128 entreprises avaient tiré profit de ce service.
- On a découvert 265 débouchés d'exportation pour nos clients.

- Les États-Unis continuent d'être le plus important marché d'exportation des produits et services du Manitoba, avec 79,2 % des exportations vers l'étranger.
- Le ministère a offert son concours au développement ou à l'expansion d'un grand nombre de coopératives et d'entreprises proposant au total un investissement de 12,5 millions de dollars et offrant la possibilité de créer 120 emplois.
- Le nombre d'employés dans le secteur manitobain de la communication avec la clientèle a augmenté au cours de l'année écoulée, atteignant à peu près 10 mille personnes.
- Un centre d'affaires électronique est maintenant ouvert au Centre de services aux entreprises du Canada et du Manitoba. Ce service fournit aux petites et aux moyennes entreprises l'information dont elles ont besoin pour se familiariser avec la technologie des affaires et du commerce électroniques et pour s'en servir dans la conduite de leurs activités.

Le ministère va continuer à mettre en œuvre des projets et des plans stratégiques qui favoriseront la croissance du milieu des affaires au Manitoba, la création d'emploi et l'investissement dans le secteur des ressources minières.

C'est avec respect, Madame la Ministre, que je vous soumets ce document.

H B Eliasson

Hugh Eliasson

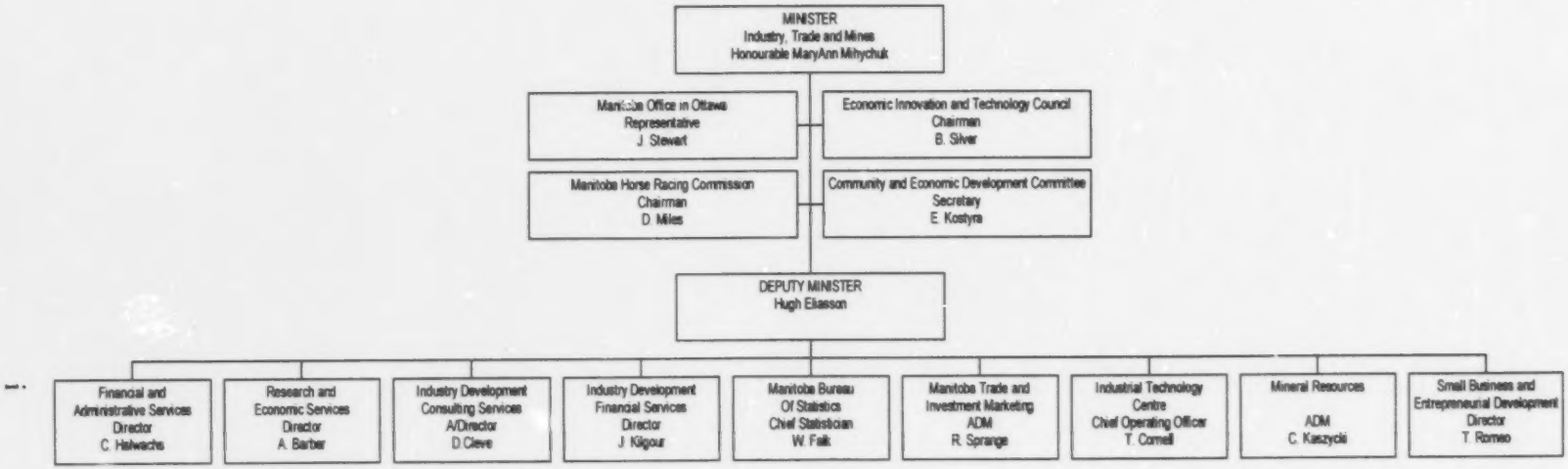
TABLE OF CONTENTS

Title	Page
Organization Chart	i
Organigramme	ii
Preface	1
Introduction	1
Report Structure	1
Statutory Responsibilities	1
Organization	2
Role and Mission	2
Avant-Propos	4
Introduction	4
Structure du Rapport	4
Responsabilités Législatives	4
Organisation	5
Rôle et Mission	5
Section 1	7
Administration and Finance	8
Minister and Executive Support	8
Financial and Administrative Services	9
Research and Economic Services	12
Manitoba Office in Ottawa	14
Manitoba Bureau of Statistics	16
Grant Assistance – Manitoba Horse Racing Commission	19
Business Services	20
Industry Development - Consulting Services	20
Industry Development - Financial Services	25
Manitoba Trade and Investment Marketing	28
Small Business & Entrepreneurial Development	36
Access 204 Manitoba	39
The Industrial Technology Centre	41
Health Research Infrastructure Initiative	42
Manitoba Centres of Excellence	44
Mineral Resources	45
Manitoba Geological Survey	45
- Map – Location of Projects	54
- Mineral Industry Support Programs	56
- Mineral Exploration Assistance Program	56
- Specialty Minerals Incentive Program	57
- Manitoba Prospectors Assistance Program	58
- Manitoba Potash Project	58
- Acid Rain Abatement Program - Flin Flon	58
Mines	59
Community and Economic Development	65
Community and Economic Development Committee	65
Grant Assistance - Economic Innovation and Technology Council	67
- Economic Innovation and Technology Fund	67
- Manitoba Innovations Fund	67

TABLE OF CONTENTS

Title	Page
Amoritization of Capital Assets	71
Financial Information for Section 1	**72**
Reconciliation Statements	72
Expenditure Summary	73
Expenditures Summary Explanations	78
Revenue Summary by Source	79
Revenue Summary Explanations	79
Five-Year Expenditure and Staffing Summary by Appropriation	80
Section 2	**81**
Petroleum	82
Amortization of Capital Assets	90
Financial Information for Section 2	**91**
Reconciliation Statements	91
Expenditure Summary	92
Revenue Summary by Source	93
Revenue Summary Explanations	94
Five-Year Expenditure and Staffing Summary by Appropriation	95
Appendices	**96**
A. Associated Agencies	96
B. Summary of Business Assistance	98
C. Listing of Business Assistance	99
D. Departmental Mineral Resources Division Publications	106
E. Departmental Directory	115

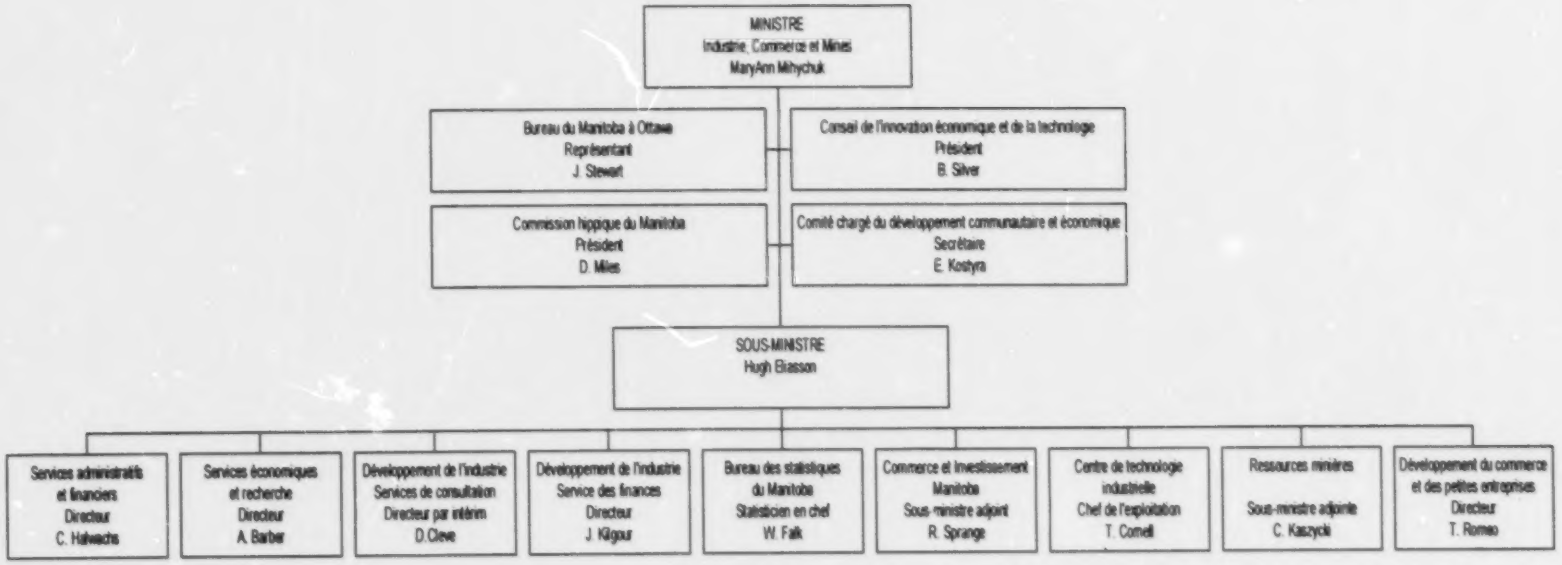
INDUSTRY, TRADE AND MINES
ORGANIZATION CHART



NOT REFLECTED ON THIS CHART:
THE MANITOBA TRADE AND INVESTMENT CORPORATION ,
THE MANITOBA DEVELOPMENT CORPORATION,
THE COOPERATIVE PROMOTION BOARD,
THE COOPERATIVE ASSOCIATIONS LOANS AND LOANS GUARANTEE BOARD
AND THE MANITOBA MINING BOARD

As at March 31, 2001

INDUSTRIE, COMMERCE ET MINES
ORGANIGRAMME



NE FIGURENT PAS SUR CE TABLEAU :
LA SOCIÉTÉ DU COMMERCE ET DE L'INVESTISSEMENT DU MANITOBA ,
LA SOCIÉTÉ DU DÉVELOPPEMENT DU MANITOBA,
LE CONSEIL DE PROMOTION DE LA COOPÉRATION,
L'OFFICE DES PRÊTS ET DE GARANTIE DE PRÊTS AUX COOPÉRATIVES ET
LA COMMISSION DES MINES DU MANITOBA

Au 31 mars 2001

PREFACE

INTRODUCTION

In October of 1999, the Departments of Industry, Trade and Tourism and Energy and Mines were re-organized. The Industry Development and Trade Divisions of Industry, Trade and Tourism were amalgamated with the Mineral Resource Division of Energy and Mines to form the newly structured department of **Industry, Trade and Mines**. The Tourism Division, with the exception of Small Business and Entrepreneurial Development, was transferred to the Department of Culture, Heritage and Tourism and the Petroleum and Energy Branch of Energy and Mines was transferred to the Department of Conservation. In January of 2001, Petroleum was transferred back to the Mineral Resource Division with Industry, Trade and Mines. The Energy component remains with the Department of Conservation.

REPORT STRUCTURE

The Annual Report is organized in accordance with the department's appropriation structure as at April 2000 and in the Main Estimates of Expenditure for the Province; with the exception of Petroleum. As Petroleum was transferred to the Department in the 2000/01 fiscal year, Petroleum is illustrated under Section 2 in this report. The Report includes financial performance and variance information at the main and sub-appropriation levels and information relating to the department's objectives and results at the sub-appropriation level. The Report also includes information about associated agencies, business assistance, revenue and expenditures, a five-year comparison of expenditures and a staffing analysis.

STATUTORY RESPONSIBILITIES

The Minister of Industry, Trade and Mines is responsible for the following:

The Co-operative Associations Loans and Loans Guarantee Act
The Cooperative Promotion Trust Act
The Design Institute Act
The Economic Innovation and Technology Council Act
The Electronic Commerce and Information Act (except Part 5)
The Gas Pipe Line Act
The Gas Allocation Act
The Greater Winnipeg Gas Distribution Act (S.M. 1988-89, c. 40)
The Manitoba Employee Ownership Fund Corporation Act
The Horse Racing Commission Act
The Labour-Sponsored Venture Capital Corporations Act
The Mines and Minerals Act
The Mining and Metallurgy Compensation Act
The Oil and Gas Act
The Oil and Gas Production Tax Act
The Statistics Act
The Manitoba Trade and Investment Corporation Act

As per Schedule "L", Order-In-Council 12/2001

ORGANIZATION

The department's 2000/01 organization structure is illustrated in the Organization Chart, page i. The roles, responsibilities and staffing are outlined in the following information.

ROLE AND MISSION

The Minister of Industry, Trade and Mines and the department, in pursuit of a vision of a prosperous and dynamic Manitoba economy generating progressive and sustainable employment and economic growth for all Manitobans, have established as their mission:

To facilitate private sector job creation by fostering and promoting an environment conducive to the sustainable development and growth of Manitoba business and mineral resources.

In order to achieve this mission, the department is organized in four divisions:

ADMINISTRATION AND FINANCE DIVISION: provides support for the operations of the offices of the Minister and Deputy Minister; provides central financial and administrative services to the department; provides research and support services in trade, science and technology policy; provides on-going strategic federal-provincial information and assists Manitobans in dealing with federal authorities; coordinates the economic and labour force statistical system to adapt to changing policy and program requirements of the provincial government and Crown agencies; provides grant funding to the Manitoba Horse Racing Commission to provide for the supervision and regulation of horse racing in Manitoba.

BUSINESS SERVICES DIVISION: promotes industrial development; provides or facilitates business access to capital; provides assistance and support for mineral exploration and development projects; promotes trade and investment by assisting business to identify opportunities in export markets and, by promoting investment opportunities abroad to increase exports, inward investment and employment; facilitates the growth and transformation of call centres due to e-commerce industry in terms of infrastructure, capital and human resource requirements; facilitates economic development in Manitoba through the provision of industrial technology services; delivers the Health Research and the Centres of Excellence Initiatives; co-ordinates and delivers a range of services for the enhancement and growth of Manitoba's entrepreneurial and small business community and provides support to groups and communities seeking to incorporate as co-operative.

MIINERAL RESOURCE DIVISION: promotes wise land management and environmentally sustainable economic development in the province based on Manitoba's mineral resources; fosters and enhances business development opportunities in mineral economic development through promotion and marketing activities; provides authoritative documentation of the province's mineral endowment and development potential; administers the delivery of mineral industry support programs; administers legislation governing the disposition of mineral rights, exploration, development and production of Manitoba's mineral resources and, the rehabilitation of mines, quarries and abandoned petroleum sites; conducts safety and health inspections of petroleum industry operations as outlined under The Workplace, Safety and Health Act.

(In keeping in accordance with the department's appropriation structure as at April 2000 and, the Main Estimates of Expenditures, Petroleum is illustrated under Section 2 in this report.)

COMMUNITY ECONOMIC DEVELOPMENT COMMITTEE: provides analytical expertise and administrative support to the Community Economic Development Committee of Cabinet; provides grant support to the Economic Innovation and Technology Council to facilitate its role in industrial innovation and technology commercialization, provides grants and other incentives through the Economic Innovation and Technology Fund and the Manitoba Innovations Fund for research, economic innovation and technology development.

AVANT-PROPOS

INTRODUCTION

C'est en octobre 1999 qu'ont été restructurés le ministère de l'Industrie, du Commerce et du Tourisme et le ministère de l'Énergie et des Mines. Le fusionnement de la Division du développement de l'industrie et de la Division du commerce, relevant toutes deux du ministère de l'Industrie, du Commerce et du Tourisme, avec la Division des ressources minières, du ministère de l'Énergie et des Mines, a donné naissance au nouveau ministère de l'**Industrie, du Commerce et des Mines**. La Division du tourisme, à l'exception de la Direction du développement du commerce et des petites entreprises, a été transférée au ministère de la Culture, du Patrimoine et du Tourisme, tandis que la Direction des ressources pétrolières et de l'énergie passait sous la relève du ministère de la Conservation. En janvier 2001, les bureaux responsables des ressources pétrolières ont de nouveau été transférés à la Division des ressources minières du ministère de l'Industrie, du Commerce et des Mines. Les bureaux responsables de l'énergie relèvent toujours du ministère de la Conservation.

STRUCTURE DU RAPPORT

L'agencement du rapport annuel reflète la structure budgétaire du ministère de l'Industrie, du Commerce et des Mines au mois d'avril 2001 et le Budget des dépenses de la Province, sauf en ce qui concerne les ressources pétrolières. Puisque les bureaux responsables des ressources pétrolières ont été transférés au ministère au cours de l'exercice 2000-2001, leurs activités seront soulignées à la Section 2 de ce rapport. Le rapport donne des renseignements au niveau des postes principaux et secondaires du budget en ce qui concerne le rendement financier et les écarts par rapport aux prévisions, ainsi que des renseignements au niveau des postes secondaires en ce qui concerne les objectifs du ministère et les résultats atteints. Il présente en outre des renseignements sur les organismes associés, le soutien aux entreprises, les recettes et les dépenses, ainsi qu'une récapitulation quinquennale des dépenses et de la dotation en effectif.

RESPONSABILITÉS LÉGISLATIVES

La ministre de l'Industrie, du Commerce et des Mines veille à l'application des lois suivantes :

Loi sur les prêts et la garantie de prêts aux coopératives
Loi sur le fonds en fiducie de promotion de la coopération
Loi sur l'Institut de design
Loi sur le Conseil de l'innovation économique et de la technologie
Loi sur le commerce et l'information électroniques (excepté la Partie 5)
Loi sur les gazoducs
Loi sur la répartition du gaz
Loi sur la distribution du gaz dans la conurbation de Winnipeg (S.M. 1988-89, c. 40)
Loi constituant en corporation les fonds de participation des travailleurs du Manitoba
Loi sur la Commission hippique
Loi sur les corporations à capital de risque de travailleurs
Loi sur les mines et les minéraux
Loi sur l'indemnisation consécutive à l'exploration minière ou métallurgique
Loi sur le pétrole et le gaz naturel
Loi de la taxe sur la production de pétrole et de gaz
Loi sur les statistiques
Loi sur la société du commerce et de l'investissement du Manitoba

D'après l'Annexe « L » du décret 12/2001

ORGANISATION

L'organigramme qui se trouve à la page i reflète la structure organisationnelle du ministère pendant l'exercice 2000-2001. L'information qui suit porte sur le rôle et les responsabilités du ministère, ainsi que sur la dotation en personnel.

RÔLE ET MISSION

Notre vision est celle d'une province ayant une économie prospère et dynamique qui stimule la croissance économique et la création d'emplois durables et progressifs pour tous les Manitobains. Afin de mettre cette vision en pratique, la ministre et le ministère de l'Industrie, du Commerce et des Mines se sont fixé la mission suivante :

Favoriser la création d'emploi dans le secteur privé en encourageant l'établissement d'un milieu propice au développement durable des entreprises et des ressources minérales du Manitoba.

Pour mener à bien sa mission, le ministère est organisé en quatre divisions :

DIVISION DE L'ADMINISTRATION ET DES FINANCES : offre un appui au bon fonctionnement du cabinet de la ministre et du bureau du sous-ministre; fournit des services centralisés de gestion financière et administrative au ministère; fournit des services de recherche et de soutien dans les domaines du commerce, des sciences et de la technologie; fournit de façon continue des renseignements stratégiques sur les rapports fédéraux-provinciaux et aide les Manitobains à traiter avec les autorités fédérales; coordonne les statistiques dans les secteurs de l'économie et de la main-d'œuvre afin de permettre l'adaptation aux nouvelles directives et aux nouveaux programmes du gouvernement et des sociétés de la Couronne du Manitoba; accorde des subventions à la Commission hippique du Manitoba pour superviser et réglementer les courses de chevaux dans la province.

DIVISION DES SERVICES D'AIDE À L'ENTREPRISE : encourage le développement industriel; offre un soutien financier aux entreprises ou leur facilite l'accès aux capitaux; offre aide et soutien aux projets d'exploration et de développement des ressources minières; favorise le commerce et l'investissement en aidant les entreprises à découvrir les débouchés sur les marchés de l'exportation et en faisant la promotion du Manitoba auprès d'investisseurs étrangers pour augmenter les exportations, les investissements et les possibilités d'emploi; contribue à la croissance et à la transformation des centres d'appel, pour répondre aux besoins créés par l'industrie du commerce électronique en matière d'infrastructure, de capitaux et de personnel; favorise le développement économique au Manitoba en offrant des services de technologie industrielle; est responsable de la mise en œuvre du Projet de recherche en santé et du Fonds pour les centres d'excellence du Manitoba; coordonne et met en œuvre toute une gamme de services visant à favoriser la croissance de la petite entreprise et du secteur de l'entrepreneuriat en général et aide les groupes et les communautés à se constituer en coopératives.

DIVISION DES RESSOURCES MINIÈRES : favorise une gestion rationnelle des terres et un développement économique respectueux de l'environnement en fonction des ressources minières du Manitoba; met en valeur les possibilités d'affaires qui existent dans le domaine du développement économique des ressources minières par le biais d'activités promotionnelles et de commercialisation; fournit de la documentation faisant autorité sur les richesses minières de la province et sur les possibilités de développement de celles-ci; veille à la mise en œuvre des programmes de soutien à l'industrie minière; administre des lois régissant la disposition des droits miniers, l'exploration, le développement et la production des ressources minières de la

province, ainsi que la restauration des mines, des carrières et des installations pétrolières abandonnées; fait des inspections d'hygiène et de sécurité dans les installations pétrolières de la province, conformément aux dispositions de la *Loi sur la sécurité et l'hygiène du travail.*

(Conformément à la structure budgétaire du ministère au mois d'avril 2000 et au Budget des dépenses de la province, les ressources pétrolières seront présentées à la section 2 de ce rapport.)

COMITÉ CHARGÉ DU DÉVELOPPEMENT COMMUNAUTAIRE ET ÉCONOMIQUE :fournit un service d'analyse et de soutien administratif au Comité du Cabinet chargé du développement communautaire et économique; accorde des subventions au Conseil de l'innovation économique et de la technologie afin de soutenir son rôle dans le domaine de l'innovation industrielle et de la commercialisation de la technologie; offre des subventions et d'autres mesures d'encouragement par l'intermédiaire du Fonds de l'innovation économique et de la technologie.

SECTION 1

ADMINISTRATION AND FINANCE

MINISTER'S SALARY AND EXECUTIVE SUPPORT

The Administration and Finance Division comprises the Executive Support Offices, Financial and Administrative Services, Research and Economic Services, Manitoba Office in Ottawa, Manitoba Bureau of Statistics, and the Manitoba Horse Racing Commision.

EXECUTIVE SUPPORT

Executive Support includes the Offices of the Minister and Deputy Minister. The Minister provides leadership and direction to ensure the goals and objectives of the department are accomplished. The Office of the Deputy Minister provides the Minister with advice and information regarding issues and matters of concern to the department. Executive Support is responsible for providing the department with policy direction and the overall planning and co-ordination of departmental activities.

10-1(a) Minister's Salary

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Minister's Salary	27.1	1.00	27.3	(0.2)	
Total Expenditures	**27.1**	**1.00**	**27.3**	(0.2)	

10-1(b) Executive Support

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	400.6	8.00	406.5	(5.9)	
Total Other Expenditures	83.3		85.0	(1.7)	
Total Expenditures	**483.9**	**8.00**	**491.5**	**(7.6)**	

FINANCIAL AND ADMINISTRATIVE SERVICES

OBJECTIVES

The objectives of the Finance and Administration Branch is: to provide leadership, program direction, and operational co-ordination to support department activities. The Branch is customer responsive by providing high quality and timely services such as policy development, administrative and financial management, computer, and personnel services to the Department and its related Agencies through a centralized support service.

ACTIVITIES/RESULTS

The Branch processes payments and receipts; provides computer business application development and support services; recruits, deploys, trains and pays staff; administers and coordinates the Department's parking and pool vehicle programs; provides for physical accommodations including furniture and equipment and mail distribution; provides advisory and specialized accounting and financial management services to departmental personnel and related entities; coordinate French language services; supervises the Freedom of Information and Protection of Privacy Act; manages the Department's records management program and provides timely, accurate and relevant information to departmental and central agency decision-makers including budgetary and cash flow information to Treasury Board.

The Financial Services section processed approximately 21,005 payment/revenue transactions, 209 authority-seeking documents, and 8 Freedom of Information requests. In addition, the section prepared the Detailed Estimates, coordinated the preparation of the Estimates Supplement, the 1999/00 Annual Report and all other year-end financial reports.

Human Resource Services is a consolidated unit providing human resource services to departmental managers and staff of the Departments of Finance, Government Services, Industry, Trade & Mines and Provincial Auditor's Office in accordance with the Civil Service Act, Manitoba Government Employee Union Master Agreement, Manitoba Labour Laws and Workplace Health and Safety Legislation. These services include staffing, employment equity, job analysis and classification, employee counselling, labour relations, and pay and benefits administration. The Departments also share resources for the branch management, training and development, occupational health and safety and employment equity program development.

As it relates to specifically to Human Resource Services to Industry, Trade and Mines the section undertook the following activities during 2000/01:

Employment Equity Statistics as at Fiscal Year End

	1997-98 Actual (%)	1998-99 Actual (%)	1999-2000 Actual (%)	2000-2001 Actual (%)
Aboriginal	1.7	1.7	1.8	3.3
Women	50.0	50.3	47.0	47.7
Disabled	1.2	1.2	1.2	2.5
Visible Minority	2.9	2.9	2.4	2.9

- The branch continues to coordinate the implementation of government-wide policies and initiatives.
- Maintained payroll records for 275 employees.
- Provided counselling and information on retirement, death benefits, long term disability and lay-off to 30 employee/family members.
- Fifteen permanent and six temporary position vacancies were filled through formal competition process. Six positions were filled through various direct appointments.
- Consulted with departmental management/supervisory personnel, employees and the M.G.E.U. in the resolution of numerous labour relations issues, which included the filing of one formal grievance.
- Assisted one staff impacted by workforce adjustment to find alternative permanent employment. Branch staff work as case managers to provide skills assessment, recommendations for training, resume writing assistance, referral to re-employment opportunities, retirement information and feedback on interviews.
- Continued to hire a number of individuals from their Outreach/Inventory list. The list is established to provide opportunities to qualified candidates on a casual and/or term basis. Departments of Finance and Government Services participated in the Aboriginal Management Project with the Civil Service Commission.
- Prepared detailed classification analysis on 13 reclassification requests under delegated and non-delegated authority.
- Trained 20 departmental employees in two in-house training and development programs involving two different course titles and three training days.
- Formulated Workers Compensation statistics for distribution to various Branches within the Department of which four accident/injury (no lost time) claims were reported.
- Attendance management, workstation assessments and the Return to Work and Workers Compensation claims management programs have resulted in reducing the Department's overall claim costs. This year's Workers Compensation claims totalled $1,758.24.
- Conducted 24 audiograms on employees. Baseline and periodic audiograms are part of the Department's Hearing Conservation Program.

The Computer Services section provides the department with Information Technology support services including: computer systems design and implementation; equipment evaluation and acquisition (outside Desktop Initiative); user education and assistance (outside the standard suite); and, implementation of government wide initiatives from the OIT office and adherence to guidelines and standards set.

Additional activities undertaken by the Section during the year included:

- Executed all purchases of hardware and software approved in the 2000/01 Annual Information Technology Systems Plan and, prepared a new Systems Plan for 2001/02.
- Participation in the "Manitoba Land Initiative Committee"
- Facilitated DeskTop requests from users
- Implemented the Spatial Database Engine and Spatial Database Cartridge for the Manitoba Land Initiative including the naming conventions, security, scripts, and fine tuning of the loading of layers
- Completed the Quarry System for Mines Branch
- Co-ordinated the development of infrastructure for the MLI Map Warehouse
- Co-ordinated the return of Petroleum Branch systems to Industry, Trade and Mines
- Set up the Internet Map Server with three separate subsystems: Mining Claims and Leases, Geology of Manitoba and Assessment. The Department was the first in Canada to

offer downloadable assessment information on the Internet

- Developed e-business strategy for successful future implementation of e-services to our customers
- Creation of GRASP an E-business portal acting as a point of entry for departmental and partner business intelligence databases. This application is one of several nominated by the province for a national award sponsored by the Federal Government for Innovative Service Delivery by the Provinces.
- Built the Aboriginal Network Directory, a web based directory and publication of Aboriginal staff, in collaboration with assistance of the Civil Service Commission.
- Enhanced the departmental housebook.
- Provided SW licenses and configured a Lotus Notes enterprise server for availability to other government departments.
- Enhanced an existing Event Registration application for clients and staff to register for department sponsored events.
- Created the capability of data exchange over the Internet; allows business trade data and company profiles to be downloaded from Federal databases over the net to departmental services residing within the department.
- Using company address information and MBG maps, the department in collaboration with MB Agriculture and Food, geo-coded the location of Manitoba companies, presented the information on an internal web based map server and integrated ArcView GIS and Lotus Notes.

10-1(c) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,086.7	21.50	1,132.0	(45.3)	
Total Other Expenditures	364.4		376.5	(12.1)	
Total Computer Services	109.7		110.0	(0.3)	
Total Expenditures	**1,560.8**	**21.50**	**1,618.5**	**(57.7)**	

RESEARCH AND ECONOMIC SERVICES

OBJECTIVES

The objective of the Branch is to provide planning, analytical and advisory support services in the areas of trade, economic development and science and technology policy to the Department, Minister and other provincial departments and agencies participating in economic development activities. This includes undertaking analysis of policy issues, providing information documents for government, and working closely with other partners to promote advantageous economic development in Manitoba.

ACTIVITIES/RESULTS

Research and Economic Services manages the ongoing implementation of the Agreement on Internal Trade within Manitoba. Efforts in this area include: supporting the Minister's participation as a member of the Ministerial Committee on Internal Trade; serving as Manitoba's Internal Trade Representative; co-ordinating the government-wide participation in the Agreement; and monitoring disputes arising under the Agreement.

The Branch acts as lead agent in governmental and intergovernmental matters related to international trade policy. The Branch develops provincial policy with regard to existing international trade agreements such as the North American Free Trade Agreement (NAFTA) and the World Trade Organization (WTO). The Branch also works to ensure that Manitoba priorities and concerns are appropriately reflected in new trade negotiations (e.g. Free Trade Area of the Americas (FTAA) and the General Agreement on Trade and Services (GATS). Policy advice continues to be provided for trade issues and disputes in such areas as dairy, cattle, water and softwood lumber. The Branch provides support to the Minister and Deputy Minister for Conferences, including meetings of Ministers responsible for International Trade and Deputies of International Trade.

The Branch serves as lead agent in departmental, governmental and intergovernmental matters related to science and technology. This includes providing policy advice and liasing with and developing co-operation among groups involved in, and affected by, science and technology. The Branch administers the Manitoba Centres of Excellence Fund, which supports strategic research at the University of Manitoba since 1988. The Branch also continues to support four annual student science fairs held across Manitoba, and received increased funding for this purpose.

Planning support is provided to the Department and to individual branches, including assistance in the development of the departmental business planning process and the compilation of departmental submissions for Ministerial briefing books. The Branch chairs the Inter-Departmental Business Planning Co-ordinators Council to assist the development of government-wide performance reporting.

The Branch continues to monitor Manitoba's trade performance and provided database support to the Department through the monitoring of positive economic developments and the surveying of the capabilities of Manitoba manufacturers. The Branch ensures that a comprehensive directory of manufacturing capabilities is available by completing an annual survey of over 3,000 firms. The Branch administers a database of positive economic news. Access to these

databases is available on the Internet at **www.gov.mb.ca/itt.** The Branch also offers increased database support through the creation of various new databases (including a business opportunities database and a joint database/web project with Manitoba Business Magazine. The Branch assists Information Systems staff with the creation of technology solutions to share data with federal agencies. The Branch establishes follow-up surveys for the collection of specific, issue-based information.

The Branch represents the Government of Manitoba on the Provincial-Territorial Advisory Committee and the Trade Advisory Committee of the Standards Council of Canada. This function involves extensive interdepartmental co-ordination to represent Manitoba's views on standards-related issues before the Council.

Economic analysis, policy advice, interagency liaison, and selected other services are also provided to the Department by the Branch.

10-1(d) Research and Economic Services

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	666.7	10.00	646.2	20.5	
Total Other Expenditures	202.7		219.1	(16.4)	
Total Expenditures	**869.4**	**10.00**	**865.3**	**4.1**	

MANITOBA OFFICE IN OTTAWA

OBJECTIVES

The overall objective of the Ottawa Office is to assist the Manitoba government and its agencies, Manitoba firms, communities, organizations and individuals in dealing with the federal authorities and in developing business. Critical activities in providing such assistance include the gathering and dissemination of information; representation of Manitoba's interests, and monitoring of federal actions and intentions on a range of issues including procurement.

Manitoba continues to be particularly susceptible to changes in federal transfers to the Provinces, which account for almost 35% of Manitoba's yearly revenues. Transfers to individuals add to the importance of the federal government to Manitoba. Public Works and Government Services Canada bought approximately $8 billion during 2000 in Canada which represented 65% of total departmental purchases. The Department of National Defence's capital and acquisition spending is approximately $5 billion each year. The federal government is the second largest employer in Manitoba after the provincial government. The presence of numerous other provincial/territorial offices in Ottawa demonstrates that we are not alone in the belief that representation in Ottawa is important in furthering provincial interests. In fact, the Manitoba Office, established in January, 1990, is among the more recent additions to the Ottawa scene. Since then, Newfoundland has opened a business development office, and Nunavut has established a presence in Ottawa.

ACTIVITIES/RESULTS

Information Gathering/Dissemination: The Office maintains regular contact with a network of Ottawa-based bureaucrats, lobbyists, political staff and business people in an effort to keep abreast of any developments emanating from Ottawa which effect or potentially effect, interests in Manitoba. Examples of results from this activity include provision of a Media Review, Federal/Provincial Balance Sheets, analysis of Estimates of key federal departments and monitoring legislation and reporting on hearings of parliamentary committees.

Representation/Lobbying: The Office acts as Manitoba's continuing representative in Ottawa and our presence is felt at all levels of the federal government. It provides logistical arrangements for Manitoba lobby efforts and trade missions. Manitoba Office staff also provide a useful and money saving function by attending, on behalf of Manitoba government departments, various federal/provincial meetings where the agenda or duration does not justify specialists travelling from Manitoba, but where Manitoba's continued involvement is considered necessary. During fiscal year 2000/01, the Office attended over 20 such meetings.

Procurement: While the procurement function involves some lobbying, the primary focus is on monitoring the progress and potential of specific purchases by the federal government. Activities include contact and liaison with federal officials, potential prime contractors, first tier subcontractors, Ottawa-based lobbyists, and most importantly, Manitoba industry. The capabilities of Manitoba suppliers are communicated to all parties involved in the procurement and the general direction for the contract is ascertained and communicated to relevant companies and appropriate Manitoba government officials. Specific complaints are also handled and in some cases resolved to the satisfaction of the Manitoba company. Even when not fully successful, such problems are less likely to re-occur after such consultation or intervention.

10-1(e) Manitoba Office in Ottawa

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	105.1	2.00	117.6	(12.5)	
Total Other Expenditures	79.1		116.4	(37.3)	
Total Expenditures	**184.2**	**2.00**	**234.0**	**(49.8)**	

Explanation Number:

MANITOBA BUREAU OF STATISTICS

OBJECTIVES

The primary role of the Manitoba Bureau of Statistics (MBS) is to serve the informational requirements of the Manitoba Government, its departments and crown agencies. Specific objectives are:

- to actively participate in and coordinate the development of the Manitoba statistical system in terms of information needs, collection, dissemination, analysis and presentation; and
- to adapt the Manitoba statistical system to address changing policy and program requirements and emerging issues.

In order to further its objective, MBS functions as the focal point for interface between the Province and Statistics Canada.

As the provincial central statistical agency, MBS has the following characteristics:

*Impartiality *Selective Specialization *Surveys *Coordination *Legislative Mandate

ACTIVITIES/RESULTS

The MBS strategic thrust is the provision of comprehensive information services to the Manitoba government, its agencies, the business community, and the general public. This strategy is carried out through four major areas of activity:

- responding to requests for MBS developed information; and liaison/coordination with Statistics Canada, provincial user departments/crown agencies, and with other provincial statistical agencies;
- providing common information services in order to avoid duplication of effort and costs in the areas of information collection, analysis and dissemination; and provision of relevant information to senior and executive levels of government;
- undertaking information development, survey consulting/design, statistical consulting, economic impact assessments, information processing, electronic information dissemination systems development, and adequacy of surveys; and
- administrating the Bureau of Statistics and The Statistics Act (Chapter S205).

MBS is a service-driven agency. Selected activities and achievements are as follows:

Economic Accounts – MBS maintained an economic accounts framework for the Manitoba economy. These quarterly/annual accounts measured the overall performance of the provincial economy, with additional detail about principal industries and sectors. Information from the Economic Accounts is used throughout the public and private sectors in Manitoba. Preliminary economic growth estimates for 2000 were released in February 2001.

Manitoba Population Estimates – Continued liaison with Statistics Canada regarding the determination of the appropriate statistical methodology to be used to determine provincial population estimates. These population estimates are of critical importance as they are used to determine Manitoba transfer payments. For the 2001 Census of Population and Housing, MBS co-ordinated a "Manitoba Wins When You Count Yourself In" media campaign to make all Manitobans aware of the importance of completing the Census form.

National Climate Change Implementation Process - MBS has continued to be Manitoba's representative on the Analysis and Modelling Group (AMG). The AMG, comprised of federal, provincial and territorial representatives, was charged with the responsibility of determining the economic impacts on the Canadian economy of Canada implementing the Kyoto Protocol (i.e., to reduce Greenhouse gas emissions by 6% in 2008-2012 from the 1990 levels. In November 2000, the AMG released its report, "An Assessment of the Economic and Environmental Implications for Canada of the Kyoto Protocol".

Statistical Information Product Subscriptions – Departmental subscriptions to the full MBS subscription service totalled 10 (4 Manitoba government, 2 municipal government, 1 federal government and 3 business). In addition, the Legislative Library received six complete sets of MBS information products free of charge.

Key Economic Indicator Reports – These reports encompass indicators such as the Labour Force, Consumer Price Index, Population, and Investment. Relevant information is presented in both table and chart formats, and distributed on the day of release to selected Ministers and senior government officials. In addition, the "Quarterly Economic Summary", highlighting recent provincial economic developments, continued to be produced.

Statistical, Economic and Computer Consulting – Statistical, economic, computer and survey consulting services were provided to departments and crown agencies on both a "public good" basis and a cost-recovery basis (larger consulting projects). Major consulting activities have included economic impact assessment of various provincial economic initiatives for provincial departments.

Contract Surveys and Information Development – MBS designed and implemented surveys/information development projects for individual departments and crown agencies on a cost-recovery basis. Projects have included: Industry, Trade and Mines - Trade Statistics Database; Manitoba Hydro – Food Prices Monitoring Survey. In addition, MBS undertook development activities relating to developing/disseminating additional social statistics and indicators. A separate project was to develop an experimental Manitoba Well-Being Index.

Information Dissemination System - MBS has continued to enhance its desktop accessible information systems (e.g., Brief, Infonet, Online and Trade). An enhanced Infonet system is being developed. It will contain: (i) all MBS reports, (ii) downloadable Excel™ spreadsheets, (iii) additional social data in the area of health, education, justice and social services, and (iv) a separate retrieval system for commodity detail on exports and imports.

Interdepartmental Liaison – MBS assisted individual provincial departments and crown agencies with their statistical activities and problems with the objective of avoiding duplication of effort and costs.

Federal-Provincial Liaison - Represented Manitoba's views on statistical matters to Statistics Canada including possible new methodologies to determine Manitoba's population. This activity had a significant impact on the level of federal transfer payments that Manitoba receives.

Information Requests – MBS responded to enquiries for information from MBS developed databases (Economic Accounts, Investment Statistics, Trade Statistics, Business Register, Vital Statistics, Postal Code Translator File). As well, MBS responded to requests for non-MBS developed data. These information requests ranged from those requiring a single quick response to those that required the development of custom computer-generated reports.

10-1(f) Manitoba Bureau of Statistics

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	649.6	12.00	663.9	(14.3)	
Total Other Expenditures	299.9		305.4	(5.5)	
Less: Recoverable from Other Appropriations	(107.3)		(60.0)	(47.3)	1
Total Expenditures	**842.2**	**12.00**	**909.3**	**(67.1)**	

Explanation Number:

1. Decrease due to increased recoveries for work on National Climate Change Implementation Strategy for the Department of Conservation.

GRANT ASSISTANCE - MANITOBA HORSE RACING COMMISSION

OBJECTIVES

The objectives of the annual grant to the Manitoba Horse Racing Commission are to enable it to control, supervise and regulate the conduct of horse races and the operation of race tracks, and to support the development of a competitive horse racing and breeding industry in Manitoba.

ACTIVITIES/RESULTS

The Commission controlled, supervised and regulated a thoroughbred racemeet at Assiniboia Downs; a program of standardbred racing on the Great Western Harness Racing Circuit in rural Manitoba; a Quarterhorse racemeet at Rossburn; and teletheatre facilities in Manitoba. The Commission also supervised a program of simulcast wagering.

The Manitoba Horse Racing Commission tables its annual report under separate cover with the Manitoba Legislature.

10-1(g) Manitoba Horse Racing Commission

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	31.6		0.0	31.6	1
Total Other Expenditures	5.0		0.0	5.0	
Total Grant/Transfer Payments	141.8		164.5	(22.7)	
Total Expenditures	**178.4**		**164.5**	**13.9**	

Explanation Number:

1. In 2000/01, expenditures were over-budget due to the severance payout for the former Commission Chairperson.

BUSINESS SERVICES

INDUSTRY DEVELOPMENT - CONSULTING SERVICES

OBJECTIVES

Industry consultants provide sector expertise to businesses (manufacturing, processing, and services sectors) in the areas of marketing, technology, business development, and management. Existing infrastructure advantages are used to maximize economic development opportunities and encourage commercialization and adoption of new technologies and strategic alliances to further strengthen and diversify Manitoba's industrial capabilities.

The sector development program provides an analysis of each of Manitoba's major industrial sectors (aerospace, equipment manufacturing, food processing, etc.). The analysis reviews existing strengths and weaknesses and takes into consideration emerging trends, threats, and opportunities. The analysis results in a sector profile, competitive comparison with other major jurisdictions, and a strategic plan for the future development of the sector.

Project development activities within the branch are wide-ranging and include a variety of projects from those initiated by sector planning activities to those responding to specific requests from established companies. The objective of all project development activities is to create and preserve existing new jobs and investment in Manitoba.

ACTIVITIES/RESULTS

Building on nine years of continued increases in capital investments, Consulting Services staff have been actively involved in promoting and supporting a large number of projects and organizational advancements in the past year in a wide range of industry segments. Manitoba continues to build on its diversified base with major investments occurring in processed foods, wood products, manufacturing, aerospace, information and communications technologies, biotechnology, and others.

The following sections capture some of the more significant investments and developments in the past fiscal year. It also provides a sampling of some of the major projects that staff are actively pursuing. These projects exemplify both the scope and variety of supports and industries that receive assistance from the Consulting Services Branch.

Aerospace - The Manitoba Aerospace Supplier Development program was initiated in 1999 as a key initiative to expand the capabilities of small manufacturing companies in the province. Under the mentorship of Boeing, Winnipeg and Bristol Aerospace, small suppliers are provided guidance in becoming qualified suppliers to national and international aerospace manufacturers. Within the next five years, the supplier development initiative could increase aerospace employment in Manitoba by several hundred as a result of import replacement.

During the past year, Consulting Services provided support to the "All Party Committee" on the future of land forces in Manitoba. In support of its goal to retain all military units in Manitoba, the committee, led by the Premier, toured defence facilities in Shilo and Winnipeg and met with the mayors of Winnipeg and Brandon and with the Minister of National Defence.

Consulting Services is continuing to support the Churchill Rocket and Research Centre committee. The committee of community and government representatives has been tasked with conducting extensive public consultations as the basis for developing alternative uses for the former Churchill Research Range. The committee's recommendations will be forwarded to the Town of Churchill and the Government of Manitoba in the summer of 2001.

In March 2001, Dunlop Standard Aerospace, parent company to Standard Aero Limited, announced an initiative to expand its business base from $500 million to $1.5 billion.

Agri-industrial Manufacturing and Technology - Comprising a major segment of the agribusiness industry cluster, over 300 Manitoba-based firms collectively make a pivotal contribution to Canada's innovative and competitive strengths in traditional agri-industrial manufacturing, value-added processing, plus agricultural-related training and education. During the past decade, Manitoba sector firms have enjoyed strong incremental growth both in sales and employment. To maintain this high level of economic output, and given the current domestic downturn in Canada's farm economy, sector firms must diversify and increase their marketing inroads into export markets where Manitoba's agri-industrial capabilities are in high demand.

In support of this sector strategy and in addition to the Department's typical "bricks and mortar" programs, various marketing-based initiatives to grow industry synergy, linkages, and international trade and investment promotion have been undertaken during the past year. Consulting Services provided organizational direction and committee advice to the second annual Farm & Food Days Agribusiness Show which included assistance in developing its inaugural 2001 International Visitor Program. Introduced in April 2000, the "Growing Manitoba – The Manitoba-Made Agribusiness Advantage" CD-ROM buyers' guide provides an Internet portal and marketing tool.

Commercial Printing and New Media - Color Ad Packaging Inc., an affiliate of Sterling International Group Inc. of Huntersville, N.C., is in the process of establishing a new plant in the St. Boniface Industrial Park to manufacture flexible packaging materials for the North American beverage industry. Total investment involved for the new building and equipment is $10 million with expected employment exceeding 50 within the first five years.

The Consulting Services Branch continued its support and assistance to companies in the new media industry, several cultural industries and associations, and the Manitoba Motion Picture Industries Association. IT&M recognizes the economic impact of the cultural industries and works closely with Culture, Heritage and Tourism to encourage the future health and growth of the industry.

Environmental Industries - The environmental industries sector in Manitoba is tackling some of today's most pressing issues, such as climate change, manure management and solid waste treatment. The Department has been involved with a diversity of enterprises that are developing new technologies, such as hydrogen fuel cell refueling systems and leading-edge bioremediation of wastewater.

Garment - Consulting Services has worked with the industry to develop an Apparel Technology Strategy to address technology transfer and applications within the apparel industry. Consistent with the strategy, a number of initiatives were undertaken to create an interest and awareness of technology available for the benefit of the industry. These initiatives included an Apparel Technology Mission to Quebec to create an awareness of modular manufacturing operations from small to medium-sized manufacturers using advanced manufacturing technologies; an Apparel Technology Study to provide information to the industry on technologies available in marker making and grading, color matching and cutting; and individual support for the development and implementation of new technologies in specific applications.

The announcement of Warehouse One's new facility is a $10 million investment with 120 jobs.

Information and Communications Technologies (ICT) - The primary focus of the ICT sector team in the past year was to continue to support sector growth by key investments in ICT projects and infrastructure.

TRLabs was established in Manitoba in April 1994 through collaboration between TRLabs, industry sponsors, the government of Manitoba, Western Economic Diversification, and the University of Manitoba. Eight Manitoba SME sponsors are benefiting from TRLabs' graduates, technology, knowledge, and networking. TRLabs now has over 30 industry, five university, and four government sponsors. IT&M has been collaborating with Manitoba companies to increase lab utilization from the Manitoba ICT industry.

The Manitoba Research Network (MRnet), a consortium of private and public enterprises that deploys and operates a provincial broadband test network for pre-competitive applied research, continues to leverage federal funding from the Canadian Network for the Advancement of Research, Industry and Education (CANARIE).

The first Internet Computing Workshop was held on November 23-24, 2000. The Department, in collaboration with Manitoba industry, academia, and the federal government, identified the need to cluster Manitoba's ICT sector to diffuse knowledge from leading national and international ICT experts.

The Wireless Networking Workshop was held on March 15, 2001, with 175 participants. The Department, in collaboration with Manitoba industry and the federal government, identified the need to diffuse knowledge on leading-edge wireless networking technologies and products from local and national ICT experts. The Workshop consisted of presentations on topics of interest to Manitoba's ICT community to enable the community to remain competitive.

Life Sciences/Biotechnology - Consulting Services is aggressively pursuing opportunities associated with the life-sciences/biotechnology platform. Specifically, the branch has been active developing the necessary infrastructure to grow the biotechnology sector and attract foreign investment capital.

In light of the continued attention to biotechnology, the interdepartmental working group, with representation from Manitoba Industry, Trade and Mines, Health, Agriculture and Food, and Conservation, has recognized the need for a strategy to guide the development and growth of the province's biotechnology industry. The development of a Manitoba Biotechnology Strategy will ensure that the province is positioned to capitalize on the economic growth and job creation expected from the emerging knowledge-based global economy. Over the past year, the Branch

led a follow-up biotechnology mission to Western Europe to re-confirm opportunities for collaborative research projects between European and Manitoba biotechnology stakeholders. The continued positive European response to this outreach activity resulted in reciprocal missions to Manitoba from two research centres from The Netherlands.

The Manitoba Clinical Research Initiative (MCRI) is a department-led initiative that has been developed to strengthen the infrastructure in which clinical research trials are carried out within Manitoba's teaching hospitals and office sites. Efforts were initiated to develop a Web site that profiles the province's clinical research expertise and investment opportunities.

Monsanto Canada Inc. opened a $10 million Crop Technology Centre on the University of Manitoba campus, increasing its presence in Manitoba from 50 to 100 positions. The facility provides important research infrastructure for the advancement of biotech traits that ensure the continued competitiveness of Canada's agricultural industry.

The Minister of Industry, Trade and Mines led a mission in October 2000 to San Diego, California, to gain insight into the economic advantages that a biotechnology and life sciences sector can offer to a jurisdiction that focuses its energies on development of knowledge-based industries. A delegation representing Manitoba's universities, biotechnology industry and investment community met with representatives of San Diego's life sciences community to review strategies for the development and commercialization of home-grown technologies.

Processed Foods - Manitoba's processed food sector continued to show solid growth through the past year with Consulting Services staff working on or contributing to a number of projects helping processed food companies expand their Manitoba business operations.

The most significant project was the announced new potato processing plant for Portage la Prairie. J.R. Simplot Company proposes to build a $112 million plant there, creating 230 direct jobs and more than 1,000 indirect jobs.

The Department supported Burnbrae Farms' upgrade and expansion of its Winnipeg plant.

In addition to the growth of these traditional food sectors, staff have also been working to advance the commercialization of functional foods, nutraceuticals, and ag-biotech.

Traditional Manufacturing - Manitoba's manufacturing sector encompasses a wide range of metal and plastic component suppliers to original equipment manufacturers located within and outside the province. A major initiative of Consulting Services has been to advance the infrastructure of Manitoba suppliers in the areas of skill development, quality certification, and technology upgrades of equipment and processes. In the area of skill development, Consulting Services has partnered with the Manitoba Division of the Canadian Manufacturers & Exporters and the Manitoba Quality Network to develop training opportunities. Consulting Services also has undertaken key projects with individual companies.

Albchem Industries made a $40 million investment in a sodium chlorate plant near Virden, Manitoba.

Wood and Non-Wood Products - Palliser Furniture is embarking on a $20 million expansion of operations, including additions to facilities, machinery, and equipment.

Tolko Industries Inc. completed the second phase of a $75 million expansion of its sawmill operations. More than 150 direct jobs in the mill and an additional 75 jobs in woodlands operations will be created as a result of this expansion.

Tembec Inc. completed a $125 million upgrade of its pulp and paper operations, including the addition of a thermo-mechanical pulp (TMP) mill. The upgrade will cut production costs by 20% and retain employment through the long term.

Loewen Windows Ltd. completed a $20 million expansion of its Steinbach manufacturing operations, resulting in an additional 250 people employed by the company.

Special Projects - Atomic Energy of Canada Limited is closing Whiteshell Laboratories. The loss of jobs and economic activity (1,100 jobs and $72 million per annum in expenditures) is having a significant impact on Eastern Manitoba. While the federal government has primary responsibility, the Department has agreed to share the cost with the Government of Canada of economic development initiatives in the region. The Economic Development Authority of the Whiteshell was established, as well as a $20 million Whiteshell Economic Development Assistance repayable loan fund.

10-2(a) Industry Development – Consulting Services

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,775.4	30.00	2,020.9	(245.5)	
Total Other Expenditures	1,058.4		840.1	218.3	1
Total Grants	8.4		11.9	(3.5)	
Total Expenditures	**2,842.2**	**30.00**	**2,872.9**	**(30.7)**	

Explanation Number:

1. The variance is due to higher than anticipated operating expenditures.

INDUSTRY DEVELOPMENT - FINANCIAL SERVICES

OBJECTIVES

The objective of Financial Services is to encourage and facilitate entrepreneurial and employment opportunities within the Province through the establishment of new businesses or the expansion/retention of existing Manitoba businesses. The branch assists the private sector in supplying risk capital to Manitoba's small and medium sized businesses. It does this by partnering with the private sector to create new sources of risk capital, by hosting entrepreneurial expositions and seminars to raise the awareness of local investment opportunities and by supporting legislative, regulatory and policy changes which promote and facilitate the availability of risk capital. The branch also provides loans and cost-shared assistance to augment private sector financing. Professional services support, including financial advisory, business planning, budgeting and accounting services are provided to the branch, the Department of Industry, Trade and Mines and other departments and agencies of Government. The branch is also responsible for the operations of the Manitoba Development Corporation, which manages and monitors the loans and investments entrusted to the branch.

ACTIVITIES/RESULTS

THIRD PARTY DELIVERED PROGRAMS

The Third Party Delivered Programs assist the private sector in delivering risk capital to businesses. This is done by co-investing with the private sector, providing incentives to individual investors and hosting investment forums:

CO-INVESTING WITH THE PRIVATE SECTOR - The Department co-invests with the private sector to form pools of investment capital. Currently, the Department manages the government's investments in five pools of private risk capital - Vision Capital Fund, Manitoba Capital Fund, Renaissance Ventures Capital Fund, Manitoba Science and Technology Fund and Keystone Technologies Inc. The pools range in size from $4.0 million to $45.0 million. They are profit seeking and are privately managed. They supply risk capital financing to Manitoba-based small and medium sized enterprises ("SMEs"). Financings are in amounts ranging from $50,000 to $10.0 million.

- **Vision Capital Fund** since 1990 invested a total of $38.0 million in 28 companies and is now winding down.
- **Manitoba Capital Fund** since 1996 invested a total of $22.0 million in 20 companies and is now winding down.

In 2000/01:

- **Renaissance Ventures Capital Fund** invested $3.4 million in six companies.
- **Manitoba Science and Technology Fund** invested $2.6 million in seven companies.
- **Keystone Technologies Inc**. invested $2.0 million in four companies.

PROVIDING INCENTIVES TO INDIVIDUAL INVESTORS - The Government issues tax credits to encourage individuals to invest in Manitoba. Currently, the Department is sponsoring two such programs - the Labour-Sponsored Investment Fund (LSIF) program and the Manitoba Equity Tax Credit (METC) program. There are two Manitoba-based LSIFs - the Crocus

Investment Fund and the Ensis Growth Fund Inc. Under the LSIF program, individuals receive tax credits for placing funds in a Manitoba-based LSIF. The LSIFs are profit seeking and are privately managed. They supply risk capital financing to Manitoba-based SMEs. The financings they supply are in amounts ranging from $300,000 to $10.0 million.

Under the METC program, individuals receive tax credits for purchasing qualified publicly traded shares of Manitoba-based companies.

In 2000/01:

- **Crocus Investment Fund** had invested over $100.0 in over 50 companies.
- **Ensis Growth Fund Inc.** invested $7.0 million in seven companies.
- **The Manitoba Equity Tax Credit** program sponsored one company's new share issue of $2.5 million. Since its inception in 1999 the program has sponsored three companies' new share issues for a total of $6.6 million.

HOSTING EXPOSITIONS AND SEMINARS - The Department partners with the private sector to host entrepreneurial expositions and educational seminars. The events provide forums for growing Manitoba-based SMEs to meet with individuals from the local investment community. The annual Invest Manitoba Venture Showcase is Manitoba's premier investment forum. In 2000/01, 15 companies presented at the Venture Showcase. The forum also showcased four University of Manitoba research projects that have commercialization potential.

PROVINCIALLY-DELIVERED PROGRAMS

The Branch delivers two major programs; The Manitoba Industrial Opportunities Program and The Manitoba Business Development Fund and operates the Manitoba Development Corporation:

MANITOBA INDUSTRIAL OPPORTUNITIES PROGRAM (MIOP) -MIOP was instituted in 1988 to facilitate significant business investment in Manitoba which otherwise would not occur. It provides highly flexible financial support to encourage the expansion of existing Manitoba industry or to encourage companies to relocate in, or to Manitoba. The program utilizes a repayable secured loan form of financial assistance, which may include some conditional forgiveness in return for commitments to provide various economic benefits including job creation and capital expenditures. MIOP projects provide a significant positive ratio of direct provincial benefits to direct provincial cost. Since the inception of MIOP in 1988, fundingtotaling $148.9 million has been offered to business to assist in 106 expansion or relocation projects which levered investment of $533.0 million and is anticipated to create about 9,375 new jobs for Manitobans. In most cases these projects have resulted in other spin-off forms of economic activity, such as construction and construction jobs; purchases of Manitoba goods and services; increased exports; import replacement, etc. In 2000/01, the Department negotiated 5 MIOP agreements totaling $6.0 million in assistance. These agreements resulted in $11.1 million in new capital investment.

MANITOBA BUSINESS DEVELOPMENT FUND (MBDF) - This fund, via its component programs, supports economic development activities by Manitoba businesses. The fund provides financial assistance for cost-shared/full-cost strategic or feasibility studies for equipment selection, marketing, viability, and industry and design studies conducted by independent consultants. The fund also provides financial assistance to Manitoba businesses to enhance their technology capabilities; encourage import replacement; and commercialize

products, which incorporate new ideas and technology. In 2000/01, the Manitoba Business Development Fund provided financial assistance to a total of 57 projects.

MANITOBA DEVELOPMENT CORPORATION - Via the Manitoba Development Corporation, the Branch manages, administers and accounts for a portfolio of provincial loans and investments. At March 31, 2001, the Corporation had roughly $100.0 million in loans and investments under administration.

10-2(b) Industry Development - Financial Services

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	732.1	14.00	858.0	(125.9)	
Total Other Expenditures	449.0		447.5	1.5	
Program Delivery:					
- Manitoba Industrial Opportunities Program	6,546.2		7,180.3	(634.1)	1
- Vision Capital Fund	1,178.5		1,937.6	(759.1)	2
- Manitoba Business Development Fund	1,634.7		1,563.1	71.6	
- Small Business Expansion Fund	0.0		0.0		
- Third Party Support Programs	388.3		626.3	(238.0)	3
- Less: Interest Recovery	(1,340.5)		(3,053.1)	1,712.6	4
- Less: Recoverable from Rural and Urban Economic Development Initiatives	0.0		0.0	0.0	
Mineral Industry Support Programs*					
- Mineral Exploration Assistance Program	2,750.0		2,750.0	0.0	
- Manitoba Potash Project	261.3		204.2	57.1	
- Acid Rain Abatement Program – Flin Flon	342.0		292.9	49.1	
- Speciality Minerals Incentive Program	17.5		250.0	(232.5)	5
- Prospectors Assistance Program	106.4		125.0	(18.6)	
Total Expenditures	**13,065.5**	**14.00**	**13,181.8**	**(116.3)**	

* Mineral Industry Support Programs are delivered and illustrated under the Mineral Resource Division

Explanation Number:

1. Lower than budgeted forgivable loan expenditures were partially offset by higher than budgeted interest expenditures and loan loss valuation allowance.
2. The variance is due to a lower than budgeted loan loss valuation allowance.
3. Decrease due to lower than estimated interest expenditures and loan loss valuation allowance.
4. Interest recoveries are under-budget due to loan defaults, delayed loan disbursements and early on loan repayment.
5. The program has been under-utilized since its inception in August 1999. The program will be terminated effective March 31, 2001.

MANITOBA TRADE AND INVESTMENT MARKETING

MANITOBA TRADE AND INVESTMENT

OBJECTIVES

The main goals of the Division of Manitoba Trade & Investment (MTI) Marketing are to increase the number of active Manitoba exporters, to increase the market diversification of existing Manitoba exporters, to increase inward investment in the province, and to promote Manitoba's advantages and opportunities to international business.

The Division manages the Manitoba Trade & Investment Corporation and uses it for project delivery.

ACTIVITIES/RESULTS

Investment Marketing Branch

The Investment Marketing branch of the Division is responsible for the following major activities—business or company recruitment (Business Investment), immigrant entrepreneur recruitment (Provincial Nominee Program for Business), general promotion of Manitoba's competitive advantages (Marketing Support), marketing Manitoba's energy advantage (Energy Intensive Initiative), and marketing opportunities in minerals investment (Industrial Minerals Initiative).

Business Investment - MTI develops investment opportunities to attract and retain private sector investment in Manitoba, working with provincial, federal, and municipal governments and the private sector. These opportunities are new investments, joint ventures, strategic alliances, and business expansions.

The Competitive Alternatives Study – In 2000/01, Manitoba continued to work with KPMG site location consultants to develop the format and structure of their next in-depth published site cost analysis, *The Competitive Alternatives (A Comparison of Business Costs in North America, Europe and Japan)*. The new study will feature an interactive cost model for Manitoba to use with business prospects that can better meet clients' specific needs, as opposed to the static ratings format previously used.

International Development Research Council (IDRC) – As a member of IDRC, MTI attends the annual IDRC Congress with a business group. The next Congress will take place in May 2001. Through IDRC, MTI promotes Manitoba to corporate real estate executives of Fortune 1000 companies in the U.S. and Canada, site selection consultants, and economic development agencies from across North America and the world.

National Database Project – Working in partnership with the Department of Intergovernmental Affairs and Investment Partnerships Canada, Manitoba completed its representation in the National Site Selection Database. This information is now included in the "Invest in Canada" Web site, targeted at site selectors and potential investors.

Provincial Nominee Program for Business - Building on the success of the two-year-old Provincial Nominee Program, the Province expanded it to include a Business Program aimed at attracting investors from around the world to establish small and medium-sized businesses in Manitoba. Launched in November 2000, the first marketing mission in November 2000 to Korea resulted in nearly 50 applications, representing potential investments of $20 million and the creation or maintenance of 300 jobs.

Marketing Support - MTI's international marketing strategy addresses targeted audiences using varied marketing tools, including print materials, videos and CD-ROMs, Web sites, special events and trade show booths, and print advertising in targeted journals. Marketing Support also provides marketing assistance and development of promotional products to Manitoba Industry, Trade and Mines.

Activities in 2000/01 included:

- *Web sites* - Responsibility now includes coordination of overall Web site development for the Department (www.gov.mb.ca/itt) and for MTI (www.manitoba-canada.com). Major design improvements and content additions were made in 2000/01. Web hits continued to grow on the MTI Web site (190,000 in 2000/01, compared to 120,000 the year before), and future focus will be on upgrading designs and features to meet the needs of clients.
- *New Initiatives* – A new "flagship" brochure, *Access Advantage*, was produced for broad promotion of the province, with a new look and design. As well, a "leaders" program was created to feature profiles and testimonials of Manitoba's community leaders in business, education, research, and the arts. In addition, Marketing Support has assumed responsibility for marketing support to the Energy Intensive Initiative, Industrial Minerals Initiative, and Minerals Division of the Department.
- *Manitoba Mining and Minerals Convention* - This annual event, held in Winnipeg in November 2000, continued to be a successful venue for over 800 industry stakeholders to meet to discuss issues, share ideas, and invest in Manitoba's mineral industry.
- *Market Intelligence & Information Services* - MTI provides Manitoba clients with international business development information products and services, and potential overseas clients with Manitoba companies' capabilities. Activities include data collection surveys with federal and provincial delivery partners, analysis, and dissemination. Key developments over the past year included the Business Opportunities Notification Database (BOND), an e-business portal to international markets for Manitoba company clients and potential investors, and a refined and integrated Manitoba Regional Trade Network Client Survey. The department has integrated the in-house delivery of sector-related surveys that are shared between federal and provincial government databases that contain more than 6,300 companies.

Energy Intensive Initiative - The new Energy Intensive Initiative, working with Manitoba Hydro, has developed a strategy to assess the benefits, impacts, and viability of marketing Manitoba's electric power advantages as an inducement for industrial investment.

An assessment has begun of Manitoba's competitiveness in attracting new, or retaining and expanding existing, energy intensive industries or those dependent on reliable sources of power. Immediate emerging opportunities were identified as a result of deregulation of electrical industries in other jurisdictions, and marketing plans were developed.

Manitoba's power advantage positions the province well for involvement in the emerging alternative energy economy. A hydrogen economic development strategic outline has also been prepared.

Industrial Minerals Initiative - The main objective of this new initiative is to create new or expanded opportunities for industrial mineral investment in Manitoba. The emphasis is on utilizing the mineral resources in the province to create higher value-added opportunities with minimal environmental impact. The focus is on energy intensive initiatives in which Manitoba offers a competitive advantage.

In 2000/01, results of the initiative included announcements of major investments in Manitoba by Albchem Industries and TANCO.

International Trade Development Branch

The International Trade Development branch is responsible for two major activities—helping Manitoba companies to become new exporters (Exporter Development) and helping existing Manitoba exporters to diversify their markets (Market Diversification).

Service delivery programs concentrate on exporter training and referrals to appropriate trade resources; counselling and diagnostic analysis; export financing through International Financing Institutions (IFIs); market intelligence and market information to create an awareness of new opportunities in foreign markets; outgoing missions, trade shows, and special events to facilitate companies' access to new markets and buyers; and incoming missions and delegations to introduce foreign buyers and governments to Manitoba's products and capabilities.

Exporter Development - Trade Specialists identify and qualify Manitoba companies to be new exporters and support existing exporters in market diversification, with a specific focus on the U.S. market. Priority sectors include food and beverage processing, apparel, building products, original equipment manufacturers and sub-components/agricultural equipment, and exportable services.

Exporter counselling - In 2000/01, MTI provided export counselling to 150 Manitoba companies (128 in 1999/00) to assist them in becoming new exporters or in diversifying their export markets. In 2000/01, MTI identified 265 export opportunities for its company clients.

The U.S. continued to be the predominant export market for Manitoba goods and services, representing 79.2% of total foreign exports. Two regions, the southern and western states, each showed a double-digit increase in exports.

Trade shows - In 2000/01, MTI organized five trade shows in the U.S. with participation by 29 Manitoba companies and resulting in $4.7 million in actual or projected sales from their participation in these targeted trade shows. Four local CEO breakfast sessions were held to introduce potential new exporters to Manitoba business executives who have gained success by exporting, and several export information events were held featuring export opportunities to the U.S.

Trade corridors - Manitoba Trade and Investment is a participating member of the Northern Great Plains Advisory Committee for the project entitled "Transportation, Trade and Economic Development: Maximizing Future Opportunities in the Northern Great Plains." The purpose of

the project is to evaluate the current and future opportunities for regional and international trade and the transportation infrastructure requirements to support these trade opportunities.

Through representation on the Manitoba/Winnipeg Corridor Partners' Committee in a number of focused trade related studies, MTI has assumed a proactive approach to enhancing Manitoba's competitive position in the Mid-continent Trade Corridor.

Export financing - In follow-up to a business mission to Washington D.C. in September 1999 to meet with officials of International Financial Institutions (for example, the World Bank), MTI led a second business mission in June 2000, with seven Manitoba companies, to reinforce Manitoba's interest in IFI-initiated activities.

Trade Assistance Program - In 2000/01, MTI helped 65 Manitoba companies to exhibit in trade shows with financial support from the Trade Assistance Program (TAP). Most were companies targeting the U.S. market, generally the first international market for new exporters.

Market Diversification - Geographic Officers work with the Trade Specialists to help existing exporters diversify their markets by identifying priorities for foreign markets by sector, providing in-depth knowledge of foreign regions, providing in-market support to companies by establishing business and government contacts, promoting investment in their respective geographic territories, and providing market intelligence and on-site assistance from contracted foreign trade representatives.

In 2000/01, six part-time foreign trade representatives (two in Mexico and two in Europe, and one each in Chile and China) worked in targeted geographic areas on behalf of the province to provide on-site regional support and contacts for Manitoba businesses.

Manitoba's exports to non-U.S. markets also rose in 2000, reflecting increased diversification by Manitoba exporters to other international markets.

"The World is Our Business"

Top 10 Markets for Manitoba Exports by Country

Country	1999 ($ millions)	2000 ($ millions)
United States	6,495.3	6,874.6
Japan	378.3	392.8
China & Hong Kong	227.0	251.8
Mexico	105.5	139.5
Belgium	88.2	124.2
Iran	70.4	98.0
United Kingdom	68.3	61.1
Taiwan	33.8	55.0
South Korea	23.5	36.1
France	19.5	33.4

Source: Manitoba Bureau of Statistics

ASIA-PACIFIC & EUROPE

Central and Eastern Europe - In September 2000, International Trade Minister Pierre Pettigrew led a delegation of 55 Canadian businesses to Hungary, Czech Republic, Slovenia, and Slovakia. MTI participated in the mission to explore these markets. Opportunities were identified in the areas of building materials, agricultural machinery and services, information and communications technology, and consumer goods.

China/Hong Kong - Exports to China/Hong Kong of $252 million in 2000 showed a slight increase of 1% compared with 1999. Combined, China and Hong Kong ranked as Manitoba's third-largest export market in 2000, rivaling Mexico for third place. Independently, China ranked fourth and Hong Kong ranked sixth.

Trade shows - Manitoba participated in the Canadian pavilion at the Agro-Foodtech China agricultural trade show in April 2000. Manitoba companies continued to pursue grain handling and storage projects in China along with increased activity in the forage and seed industry.

Incoming missions - In September 2000, Governor Xu Zhonglin of Anhui Province in China visited Manitoba. As a result of the visit, a proposal was forwarded for Anhui and Manitoba to sign a Memorandum of Understanding (MOU) to strengthen cooperation and exchanges between the provinces. On February 15, 2001, Governor Xu met with Premier Gary Doer in Shanghai during the Team Canada mission and signed the MOU.

Manitoba educational institutions continued to expand their network of contacts for the recruitment of Chinese students. In October 2000, MTI, with the Manitoba Department of Education, assisted a Chinese TV crew from Zhengzhou in the filming of a documentary on "Education in Manitoba," to be shown in China.

Trade mission - In February 2001, the Prime Minister of Canada led a delegation of 600 Canadian companies and institutions to Xian, Beijing, Shanghai, and Hong Kong, one of the largest Team Canada missions to date. Manitoba Premier Gary Doer led the Manitoba delegation consisting of 13 companies, institutions, and organizations. Eight of the Manitoba-based businesses and institutions signed agreements worth $128 million.

Foreign trade representative - Manitoba's foreign trade representative in China provided assistance to 57 Manitoba companies, assisted nine in becoming new exporters to the Chinese marketplace, and six in expanding their sales in China and Hong Kong. In March 2001, the representative made a business visit to Manitoba to work with companies interested in business opportunities in China.

Japan - Japan continued to be Manitoba's second-largest market, after the United States, with exports totalling $393 million in 2000, an increase of 3.9% from 1999. Agricultural products were the largest exports. Value-added exports included pork products, building materials, and prefabricated homes.

Export seminars - In June 2000, MTI supported a processed foods seminar in Winnipeg, focused on packaging requirements and recent taste trends in Japan and South Korea.

In February 2001, MTI, with the Japan External Trade Organization, conducted a "New to Japan Exporters" program for healthcare products for the elderly.

Trade mission - In October 2000, MTI participated in the Kansai-Canada West Business Forum in Kyoto, Japan. This was the fourth such forum bringing together small and medium-sized companies in Western Canada and the Kansai Region of Japan.

Ukraine - Canada-Ukraine Business Initiative (CUBI) - Manitoba Trade continues to support Manitoba Intergovernmental Affairs in its initiative to support the Western provinces' involvement in CUBI.

Western Europe - Manitoba exports to Western Europe in 2000 were $377.4 million, an increase of 19% from 1999. The increase was in primary products such as minerals,kraft paper, and agricultural commodities.

During 2000/01, MTI assisted 38 Manitoba companies in identifying trade opportunities in Europe. Five companies visited Europe on call programs arranged by MTI staff, meeting with 22 European companies, and all five companies are now selling their products in Europe.

Incoming missions - It was another busy year for incoming government representatives from Europe, with some 15 visits occurring in all.

Trade show - MTI and Manitoba Agriculture, with seven Manitoba companies, participated in SIAL, Europe's premier food exhibition, in France in October 2000.

Trade missions - The Honourable MaryAnn Mihychuk led a business mission to the U.K. and Sweden in February 2001. The mission explored mining opportunities in the province for three leading British mining companies, and visited information technology incubation centres in England and Sweden.

MTI supported the Manitoba Motion Picture Industries Association's first mission to Europe. Five Manitoba film and sound companies visited London, England, and Dublin, Ireland, to seek joint partnerships with local industry representatives.

Foreign trade representatives - Manitoba's foreign trade representative in Western Europe assisted 18 companies in exploring the European marketplace. Twelve have now visited European trade shows, and eight are new exporters to Europe. The representative also organized a successful Agri-Biotech Mission to Germany, The Netherlands, and Belgium, and worked with Manitoba companies during a business visit to Manitoba in February 2001.

Manitoba's foreign trade representative in the United Kingdom assisted five Manitoba companies in becoming new exporters and three in expanding their sales and assisted in organizing the business mission to the U.K. and Sweden.

LATIN AMERICA & EMERGING MARKETS

Africa - Manitoba experienced a growth of 62.8 % in exports to Africa in the year 2000, especially in non-traditional sectors such as OEMs (original equipment manufacturers), building products, and services, in addition to commodities.

Trade mission - MTI organized an exploratory visit to South Africa in the winter of 2000, during which several opportunities were identified, including those in farm machinery, information technologies, consulting services, and animal genetics.

Argentina - Manitoba's trade with Argentina was $17.2 million in 2000, largely in sales of herbicides, seeds, farm equipment, and bulldozer blades.

Trade mission - MTI organized and led a business mission of seven Manitoba companies to participate in ExpoChacra 2001 in Rosario, Argentina, in March of 2001. All participating companies identified distributors and agents, and two companies signed commercial contracts.

Brazil - Manitoba's trade with Brazil has remained relatively stable over the last two years, with most exports being commodities such as beans, peas, and lentils, and other specialty foods.

One sector that remained strong is the education sector, with Manitoba continuing to receive approximately 20 students a year from Brazil, many from the State of Rio Grande doSul (RGS) with whom Manitoba has a Brotherhood Agreement. The Government of RGS has recently approached Manitoba to assist it in contacting the Winnipeg Police Force and the RCMP to organize training for both its civil and military police.

Central America and the Caribbean - *Dominican Republic and Cuba* – Manitoba's activities in the Caribbean have been limited to the Dominican Republic and Cuba, mainly in primary agricultural products and livestock products.

Costa Rica and Panama - The federal government is negotiating a free trade agreement with Costa Rica, to be signed in April 2001. In view of these negotiations, Manitoba Trade made an exploratory mission in November 2000 to explore opportunities in Costa Rica and Panama. In anticipation of the FTAA agreement and its effect on regional prosperity, this region will be targeted for increased activity.

Chile - The Canada-Chile Free Trade Agreement and the transparency of the Chilean market provide preferential and unencumbered access and have made Chile one of the best markets in South America for Manitoba companies.

Trade missions - In 2000, Manitoba Trade organized one building products trade mission, Edifica 2000; two information and communications technology missions; and one Ministerial business mission to Santiago and Valparaiso.

Cooperation agreement - The Honourable MaryAnn Mihychuk led a business mission to Chile in October 2000 that resulted in the signing of a cooperation agreement with the Region of Valparaiso. This agreement focuses on cooperation in helping small businesses to access markets in both Chile and Canada and gives Manitoba companies a preferred status when dealing with the Valparaiso Government.

Incoming missions - Manitoba also received one incoming mission from *Fundacion-Chile* and one from The Builders Association of Chile.

Foreign trade representative - In 2000/01, Manitoba's foreign trade representative in Chile assisted 30 Manitoba companies in export opportunities to Chile. In February 2001, the representative made a business visit to Manitoba and delivered a seminar on "Opportunities in Chile" to over 30 business people, as well as meeting with several Manitoba companies.

Mexico - In 2000, Manitoba exports to Mexico increased 32.2% over 1999. The overwhelming majority of Manitoba's exports to Mexico continued to be agricultural products; agricultural exports accounted for 91% of total exports in 2000, compared to 68% in 1999.

Foreign trade representative - In 2000/01, the foreign trade representative in Central Mexico assisted 45 companies in finding business opportunities in Mexico and helped organize Manitoba's participation in the Expo Medica Trade Show. In February 2001, the representative made a business visit to Manitoba, during which he worked with 31 Manitoba companies.

Middle East - For 2000, Manitoba's exports of $173.7 million reflected an increase of 48.7% over the previous year. Primary exports to these regions continued to be commodities such as wheat and lentils, with a steady increase in exports of services, agricultural machinery, and technology.

Trade missions – In 2000/01, Manitoba Trade organized two trade missions with five Manitoba companies to this region and identified opportunities in animal feeds, water conservation projects, agri-business, and packaging.

Incoming missions - Manitoba received two incoming missions in June 2000, one a mission from Egypt and the other an Iranian business group. Results included sales of approximately $250,000 of agricultural machinery, an agreement worth approximately $2 million for a silo grain storage facility in Saudi Arabia, and sales of pulses worth $750,000 to a new market, the United Arab Emirates.

10-2(c) Manitoba Trade and Investment Marketing

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,895.2	34.50	2,046.9	(151.7)	
Total Other Expenditures	2,384.8		2,284.8	100.0	
Total Grants/Transfer Payments	159.2		250.0	(90.8)	
Less: Recoverable from Rural and Urban Economic Development Initiatives	(1,000.0)		(1,000.0)	0.0	
Total Expenditures	**3,439.2**	**34.50**	**3,581.7**	**(142.5)**	

Explanation Number:

SMALL BUSINESS AND ENTREPRENEURIAL DEVELOPMENT

Small business is recognized as the engine that drives the Canadian economy. The Branch's target client groups are the 34,000 small businesses in Manitoba that makes up over 90% of all businesses in Manitoba, the self-employed entrepreneurs numbering 90,000 and growing, and new business ventures. The Branch also provides key services to approximately 380 Manitoba co-operatives (with over 300,000 members) including assistance in incorporation of new co-operatives and counselling for existing co-operatives. Branch clients represent businesses from retail, wholesale and manufacturing to services and technology.

OBJECTIVES

The objective of the Small Business and Co-operative Development Branch is to provide the necessary tools for successful business development. The Branch has two primary roles. The first is to develop, co-ordinate and deliver services and programs for the enhancement and growth of Manitoba's entrepreneurial and small business community. The second role of the Branch is to assist groups and communities to develop viable co-operative enterprises to meet a broad range of economic and social needs of Manitobans. The Branch has recognized the multi-cultural nature of Manitoba's entrepreneurial community and has customized its programs to address the specific needs of these business people. Services in business management, business planning and access to capital are tailored to meet the needs of new entrepreneurs including women, Aboriginals, new immigrants, youth, people with disabilities and professionals.

ACTIVITIES/RESULTS

The activities of the Branch are generic in scope with the intent of reaching a broad spectrum of individuals and business types. The major thrusts of the Branch are to assist small business start-ups and growth of existing businesses through the provision of management training, information services, counselling and financial assistance. Branch programs are developed in partnership with business associations, other government departments (federal and provincial), educational institutions and the public.

The Small Business and Co-operative Development Branch delivers extensive business information, business and trade library services through the Canada/Manitoba Business Service Centre, the E-Business Service Centre and a variety of programs and services including Co-operative Development Services, Mobile Business Service Centre, Business Start, Business Counselling and Workshop Series. Business information, counselling services, business and trade library services are also delivered through the Western Region Office in Brandon.

Canada/Manitoba Business Service Centre - Effective April 1, 1998, the Small Business and Co-operative Development Branch integrated services and co-located its programs with the Canada Business Service Centre into a single, highly visible, efficient operation to support Manitoba business development and entrepreneurship. The new business service centre which is known as the Canada/Manitoba Business Service Centre (C/MBSC) represents a single point of contact for current and accurate business information, extensive business and trade library services, market research and improving management effectiveness through business counselling and education programs.

In 2000/01, the C/MBSC responded to approximately 55,000 business and trade-related inquiries including more than 6,000 interactions with the business counsellors of the Small Business and Co-operative Development Branch. The number of Internet requests for information from the C/MBSC website were approximately 243,000.

C/MBSC Satellite offices - Through the Partnership Agreement with Western Economic Diversification, there exists 21 satellite C/MBSC offices throughout Manitoba which will make business information and resources more accessible to all entrepreneurs throughout all regions of Manitoba.

E-Business Service Centre - During the year, an E-Business Service Centre (E-BSC) was established within the C/MBSC which provides the information that small and medium sized enterprises need to enable them to be aware and adopt e-commerce and e-business technologies within their businesses.

The E-BSC responded to over 600 e-business related enquiries and delivered 16 seminars to approximately 350 participants.

Entrepreneurial Development and Training Seminars were provided in partnership with other agencies to more than 2,500 participants. These seminars included starting a home-based business, management development, "How To Start A Small Business" workshops, youth entrepreneurship workshops as well as a variety of other topics. A senior student workshop was also held in 2000/01 and more than 90 students from high schools in and around Winnipeg participated. The Manitoba Marketing Network delivered five workshops to 131 participants and counselled 56 small businesses.

The Aboriginal Business Development Program, introduced in 1995/96, provides business counselling for aboriginal women's economic initiatives, northern communities, and economic development officers with the Manitoba Metis Federation. Ota-Miska, a resource manual outlining services available to Aboriginal people in Manitoba, was updated, published and circulated to all agencies and organizations working with Aboriginal people.

Under the **Business Start Program**, 27 loan guarantees totalling $260,500 were approved in 2000/01. During the year, 407 participants attended the 21, three-day Business Planning Workshops conducted throughout Manitoba under the Business Start Program.

The Mobile Business Service Centre, visited 10 rural communities in conjunction with business seminars/fairs and handled more than 400 inquiries/referrals.

Co-operative Development Services assisted with the development or expansion of numerous co-operatives and businesses during 2000/01 requiring a total proposed investment of approximately $12,500,000 and potentially creating 120 jobs. Organizational and business consulting services are provided to the Manitoba's co-operative industry sector through Co-operative Development Services. Currently, there are 379 co-operatives registered in Manitoba. In 2000/01, Co-operative Development staff handled more than 2,100 inquiries and provided counselling assistance for 20 new co-operative incorporations.

Publications developed by the Branch and the C/MBSC continue to be a valuable resource to the business community and support the Branch's training programs. The Branch, the C/MBSC and the E-BSC produce over 60 publications on a variety of subjects including business

information, small business management systems, e-business and e-commerce, entrepreneurial handbooks and self-evaluation guides. Publications are distributed through the Branch, the Canada/Manitoba Business Service Centre and its satellite offices, the E-BSC, the Mobile Business Service Centre, Western Region Office in Brandon, and 34 business development outlets throughout Manitoba.

Small Business Counselling Services were provided to over 6,000 clients in 2000/01. Business Counsellors provided one-on-one business counselling to entrepreneurs and businesses in a number of sectors including retail, service and manufacturing. The Business Counsellors also conducted six workshops pertaining to starting a small business.

Other Activities - Branch staff partnered with other departments and agencies in the successful delivery of Small Business Week, Co-operative Development Week, Rural Forum 2000, Young Entrepreneurs Program and the Aboriginal Single Window Initiative. The Branch supported and participated in a number of other projects including Uniquely Prairies, Canadian Women Entrepreneur of the Year Awards, Manitoba Women Entrepreneur of the Year Awards, Canadian Centre for Disability Studies, Entrepreneurs with Disabilities, Junior Achievement Northern and Urban Aboriginal Youth, Senior Student Business Workshops and Cultural Industries Training.

10-2(d) Small Business and Entrepreneurial Development

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,015.5	20.00	1,140.8	(125.3)	
Total Other Expenditures	646.4		741.4	(95.0)	
Total Grants/Transfer Payments	30.0		30.0	0.0	
Total Expenditures	**1,691.9**	**20.00**	**1,912.2**	**(220.3)**	

ACCESS 204 MANITOBA

Access
Manitoba
Your Business. Our People.
Profit from the partnership
Manitoba

OBJECTIVE

The mission of **Access 204 Manitoba**, formerly known as the Manitoba Call Centre Team, is to create a sustainable customer contact industry in the Province of Manitoba. To date, more than 10,000 people are employed in the industry and activities are underway to support the industry's continued health and growth.

There is a great sense of confidence within the industry in terms of its future potential. In order to seize new opportunities and trends in the e-business and e-commerce sectors, Manitoba has branded a new image - **Access 204 Manitoba**. Access Manitoba will build upon the reputation that it has created as the Manitoba Call Centre Team and continue to develop the customer contact sector, attracting higher end job opportunities and investment.

This is accomplished by:

- Encouraging the creation of new customer contact centres and/or the expansion of existing centres;
- Enhancing community awareness of the customer contact industry throughout the province and its significance as a major new economy employer for Manitobans.
- Partner with both the public and private sectors to create an attractive environment to locate new companies in Manitoba and,
- Continuing efforts to ensure that an appropriate physical exists to support the sector and that employee education programs are designed to meet the specific needs of the Manitoba customer contact centre industry.

Employment in Manitoba's "Customer Contact" sector has grown to approximately 10,000 Manitobans for the year ending 2000/01. Projections based on outstanding commitments and negotiations are anticipated to grow by approximately 10% by end of 2001.

Access Manitoba has played an instrumental role in mentoring and providing leadership to the newly renamed "*Manitoba Customer Contact Association" (MCCA).* Launched in 1997 as the Manitoba Call Centre Association, the MCCA's mission is to develop a qualified, sustainable pool of human resources to meet the demands of a growing the customer contact industry in Manitoba.

MCCA is a non-profit, industry driven association and is led by an eight member Board of Directors. The association has a membership base of 80, consisting of 40 customer contact centre members and 40 associate members. MCCA is specifically focused to support the customer contact centre industry in Manitoba and is the most active and best-organized industry association in Canada.

ACTIVITIES/RESULTS

Highlights of the 2000/01 fiscal year include the following announcements:

CUETS (Credit Union Electronic Transaction Services) - Regina based CUETS, a principal member of MasterCard Canada and one of Canada's leading credit card service providers

selected Winnipeg as the location for the expansion of their Financial Services & Customer Support contact centre.

CUETS opened with 35 bilingual employees with expectations to employ 150 Manitobans over the next 5 years.

No funding assistance was provided for this project.

NCR Corporation: (National Cash Register) - NCR's, a Worldwide Customer Services organization with 130 international locations, officially opened its new bilingual Canadian Field Service Centre downtown Winnipeg, February, 2001. Located in the downtown Richardson Building, NCR opened with 58 new employees who provide dispatching, service call management and monitoring operations. Operating on a year round 24/7 basis, technicians will be dispatched to service hardware or software for ATM bank machines and cash registers that they manufacture or support.

No funding assistance was provided for this project.

Convergys Customer Management Canada - Convergys Customer Management Canada made their decision to locate an expanded customer contact centre in a newly consolidated Fort Garry location in the former Nortel building. The Convergys expansion will mean 600 new jobs for Manitobans, up from 1200 to a total of 1800 employees

Headquartered in the U.S., this customer and technical support contact centre services Fortune 500 clients such as AT&T WorldNet, Fedex and Broadband. Open 365 days a year, 16 hrs/day, the centre has 850 workstations and will be one of the top five private employers in Manitoba.

No funding assistance was provided for this project.

10-2(e) Access 204 Manitoba

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	154.0	5.00	283.8	(129.8)	1
Total Other Expenditures	428.3		426.7	1.6	
Total Grants/Transfer Payments	45.0		45.0	0.0	
Less: Recoverable from Rural Economic Development Initiative	(156.2)		(198.2)	42.0	
Total Expenditures	**471.1**	**5.00**	**557.3**	**(86.2)**	

Explanation Number:

1. The variance is due to vacant positions.

THE INDUSTRIAL TECHNOLOGY CENTRE

The Industrial Technology Centre (ITC) is a special operating agency of the Department of Industry, Trade and Mines. The Department supports ITC's contribution to economic development activities in Manitoba via an Economic Development Contribution Agreement (a performance contract). ITC provides a wide range of technical services in support of technology based economic development in Manitoba. ITC tables its annual report under separate cover with the Manitoba Legislature.

10-2(f) Industrial Technology Centre

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Industrial Technology Centre	765.0		765.0	0.0	
Total Expenditures	**765.0**		**765.0**	**0.0**	

HEALTH RESEARCH INITIATIVE

OBJECTIVES

The Health Research Initiative (HRI) is a program directed at increasing funding for research and development (R&D) activities in Manitoba. The attraction of additional health research funding to the province facilitates sustained economic growth and the creation of high quality jobs. The program provides funding to assist five Manitoba health research centres – CancerCare Manitoba, the Children's Hospital Foundation, the Health Sciences Centre Research Department, the St. Boniface General Hospital (SBGH) Research Centre, and the University of Manitoba – in meeting a portion of their operational expenses related to health research activities.

HRI is an incentive-based initiative, with the distribution of funds tied directly to the amount of research revenue each research centre receives from granting agencies outside the province and from the private industry. Since the attraction of increased research funding to Manitoba qualifies for additional support from the program, this initiative encourages each research centre to take more of an entrepreneurial approach to their operations. Research centres participating in the program, must be able to demonstrate that they are in an operational deficit position, on an annual basis, and that new research awards will not change that position.

ACTIVITIES/RESULTS

HRI funding, totaling $3 million, was provided to the five research centres in 2000/2001. The program funds were apportioned to each centre according to a formula that has been used consistently since the program's inception as a pilot project in 1996/97.

The pilot project began at SBGH Research Centre. During the first year, externally derived research funding increased by $1.5 million or $28.7% resulting in the creation of 36 new jobs and a $1.1 million contribution to Manitoba's GDP. In 1997/98, grants to SBGH Research Centre increased by 53% to $9.2 million, resulting in the creation of 10 new jobs and in 1998/99 the amount of external grants increased by 13% to $10.4 million.

The SBGH Research Centre stated that the implementation of the HRI enabled it to redirect its fundraising efforts toward the construction of a new *Centre of Aging* research laboratory, which includes provisions for scientists and equipment. This generated excitement and increased donations from the local community. In addition, HRI funding provides an impetus in a number of spin-off technology companies. Keystone Technologies was established to invest $4 million in venture capital in early stage biomedical/medical device start up companies.

Total extra-provincial heath research revenue, received by the five HRI participants in 1999/2000 totaled $40.8 million. This R&D investment resulted in the employment of approximately 1,500 Manitoba health researchers, including scientists, graduate students and technologists. This is a 6% increase over the revenue results in 1997/98 but a 7% decrease in revenue for 1998/99.

The HRI will be evaluated for its effectiveness in 2001/2002.

10-2(g) Health Research Initiative

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Health Research Infrastructure Initiative	3,000.0		3,000.0	0.0	
Total Expenditures	**3,000.0**		**3,000.0**	**0.0**	

MANITOBA CENTRES OF EXCELLENCE

OBJECTIVES

The objectives of the Manitoba Centres of Excellence Fund (MCEF) are to attract and maintain world-class R&D activity in Manitoba and to generate related economic spin-off benefits for local companies and non-profit institutions. Grant support, equal to 20% of the support provided by the Federal government under the Networks of Centres of Excellence (NCE) initiative, is provided to research projects at the University of Manitoba. Research projects have included work in the areas of bacterial diseases, genetic diseases, health information, respiratory illnesses, neurosciences, telecommunications, advanced materials and sensors, robots and intelligent systems, and advanced microelectronics. The national headquarters for the Intelligent Sensing for Innovative Structures (ISIS) network that conducts R&D on advanced composite materials and electronic sensors for construction engineering projects such as bridges and earthquake resistant buildings is located at the University of Manitoba. New projects are to be undertaken in sustainable forest management, the mathematics of information technology and complex systems, and arthritis. Projects are closely matched to provincial economic development priorities in the areas of healthcare, information technology, aerospace and advanced manufacturing, and are components of much larger national networks comprised of various technically interrelated projects that include participation by university, private sector and government research centres.

ACTIVITIES/RESULTS

During 2000/01MCEF support totaling $353,292 was provided to the following projects and leveraged federal support at the 5:1 ratio:

- Canadian Genetic Disease Network
- Micronet
- Institute for Robotics and Intelligent Systems
- Canadian Institute for Telecommunications Research
- ISIS Canada
- HEALNet
- Sustainable Forestry Management
- MITACS
- Canadian Arthritis Network
- Vaccines and Immunotherapeutics of Cancer & Chronic Viral Diseases (CANVAC)
- Canadian Stroke Network (CSN)
- Indirect overhead costs

10-2(h) Manitoba Centres of Excellence

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Manitoba Centres of Excellence	292.4		384.0	(91.6)	
Total Expenditures	**292.4**		**384.0**	**(91.6)**	

MINERAL RESOURCES

MANITOBA GEOLOGICAL SURVEY

OBJECTIVES

The Geological Survey conducts a wide range of investigations in Manitoba's Precambrian Shield, Western Canada Sedimentary Basin, and Hudson Bay Basin. Investigations include examination of exposed bedrock, subsurface materials, and surficial sediments including sand, gravel and organic deposits. The Geological Survey provides data and products such as geological maps and reports, metallic and industrial mineral deposit reports and databases, mineral resource assessments, targeted geoscience research, development of exploration models, and maintenance of data inventories. By developing an understanding of Manitoba's geology and geological processes, the Geological Survey promotes mineral exploration opportunities and contributes to wise land-use management. To help meet these objectives, funding for the Manitoba Geological Survey was increased in 2000 to $4.4 million.

ACTIVITIES/RESULTS

Major field-based activities conducted by the MGS include bedrock mapping at a number of scales, as well as more specialized, thematic projects. Compilation maps and regional syntheses (1:50 000 scale or smaller) provide up-to-date regional-scale information for both the major mining districts of Manitoba and the frontier areas of the province. They also provide geological background and mineral-resource assessments in support of land-use planning and sustainable development. Thematic studies (1:20 000 scale or larger) address specific geological and land-use problems, support mineral-deposit studies and compilation-series mapping, and identify new methods of assessing and defining mineral potential for a variety of traditional and nontraditional mineral-deposit types. Specialized geochemical and geophysical projects provide regional data to assist industry in the identification of prospective areas. Maintenance of a mineral-deposit inventory provides a systematic catalogue of metallic-mineral, industrial-mineral and aggregate deposits.

Geoscience Program

The 2000–2001 geoscience program reflects a balance between providing support to traditional mining camps, stimulating new exploration and development opportunities in frontier areas, and supporting land-use and development priorities in southern Manitoba. The program is reviewed annually by the Mineral Exploration Liaison Committee (MELC), composed of members of the Mining Association of Manitoba, the Manitoba Prospectors and Developers Association, and the Manitoba–Saskatchewan Prospectors and Developers Association, as well as representatives from the University of Manitoba and the Geological Survey of Canada (GSC).

The MGS geoscience program is designed with a regional emphasis, focusing on those areas most in need of new or updated geological information. Programs are generally designed on a cycle that allows the geographic focus of activities to shift from area to area within the province. In 2000–2001, approximately 41% of operating resources were directed toward studies in the northern Superior Province, a reflection of the Department's five-year initiative to stimulate exploration in this underexplored part of the province. Approximately 40% were directed toward projects within traditional mining camps (Flin Flon Belt, Lynn Lake Belt, Thompson Nickel Belt

and southeastern Manitoba). The remaining 19% supported Quaternary, aggregate, industrial minerals and land-use planning in the south-central part of the province, as well as GIS support for all projects.

Geoscience programming in Manitoba is delivered through a combination of provincially funded and collaborative projects. The partnered initiatives include contributions from the federal government, the mineral exploration industry and several Canadian universities. These partnerships added an additional $1.0 million to operating field expenditures in 2000–2001, effectively matching the amount of operating funds spent on geoscience by the province. Partnerships included:

- Thompson Nickel Belt CAMIRO (INCO Ltd., Falconbridge Ltd., HBED, Billiton Metals Canada Inc., Western Mining International Ltd., GSC, U of Manitoba, Laurentian U, U of Alberta, U of Québec at Montréal, U of Saskatchewan, NSERC)
- Thompson Nickel Belt compilation (INCO Ltd., Falconbridge Ltd., HBED)
- Fox River Belt geology and metallogeny (Falconbridge Ltd.)
- Western Superior LITHOPROBE (U of Waterloo, U of Alberta, NSERC)
- Western Superior NATMAP (OGS, GSC, universities, LITHOPROBE, NSERC)
- Lynn Lake gold studies (U of New Brunswick, Laurentian U, U of Manitoba, NSERC)
- Flin Flon Belt geochronology (HBED)
- Flin Flon TGI project (GSC, SGS, industry)
- Hydrogeology (GSC, WRB, U of Manitoba)
- Southeastern Manitoba–Red Lake TGI project (GSC, OGS)
- Greater Winnipeg NATMAP (GSC, universities)
- Paleofloods of the Red River (GSC, IJC, RRFPP)

(Abbreviations: CAMIRO, Canadian Mining Industry Research Organization; GSC, Geological Survey of Canada; HBED, Hudson Bay Exploration and Development Ltd.; IJC, International Joint Commission; LITHOPROBE, Canada's National Geoscience Program; NATMAP, National Geoscience Mapping Program; NSERC, Natural Sciences and Engineering Research Council; OGS, Ontario Geological Survey; RRFPP, Red River Flood Protection Program; SGS, Saskatchewan Geological Survey; Superior BZ, Superior Boundary Zone; TGI, Targeted Geoscience Initiative; U, University; WRB, Water Resources Branch.)

Precambrian Mapping

The NATMAP Shield Margin project, completed in 1998 with the publication of a set of 1:100 000 scale compilation maps and accompanying notes, was the culmination of twenty years of MGS mapping and mineral-deposit investigations in the Flin Flon Belt. The scientific results of the Shield Margin Project have now been published in two volumes of the Canadian Journal of Earth Sciences (January and November 1999). A CD-ROM containing the compilation maps and a variety of other digital data sets was released in May 2000.

Additional follow-up work was conducted within the boundary zone between the Lynn Lake Belt proper and the Kisseynew Domain following the publication of new trace-element data from the Lynn Lake Belt in 1999. This work helps to define the extension of Lynn Lake Belt tectonostratigraphic assemblages into the more highly deformed and recrystallized domain to the south.

The MGS has turned a significant part of its attention to the Thompson Nickel Belt (TNB), an area that, despite its economic importance to the province, has historically seen relatively little

provincial survey work due to limited bedrock exposure and a large amount of hitherto confidential company information. Recognition by all stakeholders that the public geological database for this world-class mineral belt required major updating resulted in two initiatives, both supported by industry and both entering their final stages in 2000–2001:

1. Compilation of the geology of the exposed TNB and its sub-Phanerozoic extension, begun in 1995, has been made possible by the co-operation of INCO Ltd., Falconbridge Ltd., and Hudson Bay Mining and Smelting Co. Ltd., allowing MGS access to virtually all private-sector information in the TNB. Preliminary versions of the maps were published in the spring of 2001.
2. The Thompson Nickel Belt CAMIRO project brings researchers from universities and government together to develop new exploration tools for the TNB in a four-year (1997–2001) study, in part funded by industry (see below).

The Western Superior NATMAP project, now in its fourth year of operation, aims to provide a modern geoscience synthesis of northwestern Ontario and eastern Manitoba, using the combined resources of the federal, Ontario and Manitoba geological surveys. Key areas have been selected to address questions regarding relationships between Mesoarchean and Neoarchean sequences of the western Superior Province, through new mapping, geochemistry, geochronology and GIS-based compilation. Regional (1:20 000 to 1:50 000 scale) bedrock geological mapping conducted by the MGS in support of the Western Superior NATMAP includes work in the Knee Lake–Gods Lake, Stull–Kistigan–Edmund lakes, and Max Lake–Aswapiswanan Lake areas. In southeast Manitoba, a collaborative GSC–MGS mapping program in the Black Island area of southeastern Lake Winnipeg was undertaken to characterize the nature of the boundary between two important tectonic elements of the western Superior Province, the North Caribou Terrane and the Uchi Subprovince.

An MGS- and NSERC-supported, integrated mapping, geochemistry and isotopic study of the Western Superior craton margin northeast of Thompson has been partnered with researchers from the University of Alberta. Over the past three years, this work has resulted in a re-interpretation of the location and nature of the boundary zone between the Archean Superior Province and the Paleoproterozoic Trans-Hudson Orogen. Combined Sm-Nd isotopic and U-Pb geochronological results indicate that, in the northern Superior Boundary Zone, Paleoarchean to Mesoarchean crust underwent a complex and prolonged history spanning more than two billion years.

Mineral Deposits Investigations

Mineral deposits investigations complement mapping projects by providing focused work on geological problems with a distinct economic theme.

A Targeted Geoscience Initiative project in the Flin Flon area draws on the combined resources of the GSC, the MGS and the Saskatchewan Geological Survey. Titled "Regional hydrothermal systems as an exploration guide, Flin Flon mining camp, Manitoba and Saskatchewan", this project will include studies of footwall and hanging wall alteration associated with the Flin Flon–Callinan–777 stratigraphic interval, regional deformation patterns affecting the Flin Flon VMS horizon, the nature and distribution of hydrothermal alteration within selected portions of the greater Flin Flon area, and the geochemistry of the Flin Flon massive-sulphide deposits.

A variety of new initiatives began in 2000 in the Lynn Lake region, in response to the closure of Keystone mine's Farley deposit, formerly the only active mining operation in Lynn Lake. Many MGS investigations in the Lynn Lake greenstone belt are intended to improve understanding of

processes involved in the formation of gold mineralization in the region. These initiatives include new regional and detailed structural mapping (including M.Sc. and Ph.D. thesis projects), selected multimedia geochemical surveys, and a GIS compilation project that will house newly acquired and older public domain information. An additional M.Sc. study utilizes existing and new digital data sets in the Lynn Lake area to develop a predictive tool for gold exploration.

In the Thompson Nickel Belt, a Canadian Mining Industry Research Organization (CAMIRO) Project has a combined industry–NSERC budget of approximately $800 000. The MGS coordinated and led the project until August of 2000, when personnel changes required that these responsibilities be split between co-leaders at the University of Manitoba and Laurentian University. The project currently has five industry sponsors (INCO Ltd., Falconbridge Ltd., Hudson Bay Exploration and Development Ltd., Billiton Metals Canada Inc. and Western Mining International Ltd.) and researchers from the GSC, the University of Manitoba, Laurentian University, the University of Alberta, the University of Québec at Montréal, and the University of Saskatchewan.

A number of projects have a theme related to platinum group elements (PGE). A major new digital compilation of PGE geological and geochemical data throughout Manitoba was released in spring 2000. In the Fox River Belt (FRB), the largest continuous segment of the Superior Boundary Zone in Manitoba, Falconbridge Ltd. launched a major Ni-Cu-PGE exploration program. This new exploration work provided the MGS with an opportunity to partner logistics with Falconbridge and begin a multiyear geological investigation of the metallogeny, petrogenesis and tectonic evolution of the FRB. Site-specific PGE investigations were also conducted in the Bird River Sill and Mayville intrusion, in southeast Manitoba.

Geochemical Surveys

Manitoba's five-year Northern Superior initiative is now in its final year of data collection. Begun in 1996, this initiative involves helicopter-supported multimedia geochemical surveys targeting greenstone belts in the northern Superior Province. During the 2000 field season, approximately 2000 rock, till, b-horizon, humus and vegetation samples were collected for multi-element geochemical analysis from 350 sites within the northern portion of the Knee Lake greenstone belt. In addition, 334 bulk samples of till and beach sand were collected for identification and analysis of kimberlite indicator minerals. The geochemical and mineralogical analysis of these samples will continue to build a multi-element–multimedia geochemical database to assist mineral-resource assessment in the region.

Phanerozoic investigations

The MGS continues to promote exploration and development opportunities for specialty and nonmetallic minerals, both on the Precambrian Shield and in the Phanerozoic-covered portions of south central Manitoba.

Increasing evidence for post-Precambrian structural movements within the buried portions of the Superior Boundary Zone–Thompson Nickel Belt suggest that such late structures may have produced channelways for deep fluid migration from the buried Precambrian basement through the overlying Phanerozoic strata. Geochemical anomalies and the presence of sphalerite in drillholes penetrating Devonian formations in this region suggest that such fluid migration and mineralization may indeed have taken place during the Phanerozoic.

Stratigraphic investigations and drilling programs were carried out for various projects in south central Manitoba. In 2000, the Capital Region Study was extended to the south, and the maps

and report are in the editing stage for the entire project. The Manitoba Stratigraphic Database (MSD) continues to be updated with the addition of historic tops to 437 wells. Five coreholes were drilled by the MGS for stratigraphic purposes in the Dancing Point (Lake Winnipeg), High Rock Lake, Wekusko Lake and Winnipegosis areas.

Surficial Geology

The MGS and the GSC are co-operating through NATMAP in a program of geological mapping for the Winnipeg Region, with emphasis on engineering and environmental geology. Surficial mapping was completed in two phases for the area from 49° to 51°N and from 95° to 98°W. The current emphasis of the NATMAP and related MGS programs is on the completion of a three-dimensional (3D) digital geological model for all Phanerozoic sedimentary rocks and Quaternary deposits.

The MGS and the GSC have initiated a multidisciplinary research program to reconstruct the pre-instrumental flood history of the Red River and to assess the importance of geological processes that may be increasing the flood hazard. The project is using a variety of geological and biological records to provide annual reconstructions of important hydroclimatic variables over the last several thousand years and provide a proxy record of high-magnitude floods in the Red River valley.

Industrial Minerals and Aggregate Investigations

Precambrian and Phanerozoic bedrock outcrops and quarry locations in the Churchill area were inventoried during a brief visit to the region. Current production is mainly for aggregate and minor building stone. The MGS also conducts aggregate-resource studies in southern Manitoba, work that contributes to the resource management and land-use planning decisions made by district planning boards. In 2000, 1:50 000 scale aggregate resource studies were conducted in the Rural Municipality of Cameron, covering eight townships in southwestern Manitoba near the town of Hartney.

Geoscience Information Section

The 'GIS Map Gallery' is the department's new access point for information on mineral claims, assessment files, and geological databases. To access the database, clients use an Internet connection and a JAVA-enabled web browser such as Microsoft Internet Explorer™ or Netscape Navigator™. The website has a user-friendly GIS style, with tools that allow query and analysis of the most current data sets relevant to the mining and mineral exploration community.

The Bedrock Geology Compilation Map Series (BGCMS) was initiated in 1985 to provide uniform 1:250 000 geological compilation maps for the entire province, initially focusing on areas of high mineral endowment and/or high mineral potential. Digitization of all existing manually drafted BGCMS maps is almost complete, and map production is now 100% digital, using ArcInfo™ GIS technology. There are now 29 BGCMS maps covering more than half of the province, including the entire Churchill Province, core areas of the Superior Province, and the Capital Region of southern Manitoba.

Displays highlighting various aspects of Manitoba's geological potential were generated for several major conferences, such as the Prospectors and Developers Association of Canada (Toronto), Geological Association of Canada/Mineralogical Association of Canada (GAC/MAC) (Calgary) and Cordilleran Roundup (Vancouver).

Regional Offices

The Flin Flon regional office continues to supply a variety of services to the mineral exploration

and mining communities active in the Flin Flon–Snow Lake region, including recording new mineral claims, maintaining an up-to-date library of provincial claim maps, dealing with claim status inquiries and accepting assessment-work submissions. Progress was made in the ongoing mines documentation project for the Flin Flon–Snow Lake region. Efforts are currently being directed toward completing several outstanding reports, including three volumes of the Mineral Deposit Series. Three positions currently report through the Flin Flon office: a Regional Geologist, a Resident Geologist and a Recording Clerk (vacant).

Staff in the Thompson regional office respond to a range of inquiries including regional geology, potential of mineral properties and mineral identifications. Thompson staff geologists are currently involved in a comprehensive multidisciplinary re-evaluation of the geology and mineral wealth of the Lynn Lake greenstone belt, the Thompson Nickel Belt and PGE potential in the Bird River sill. The Thompson office provides Mining Recording services to the community, including data on the status and registration of claims, access to and sales of maps and reports, and access to electronic databases.

Client Services

Client Services provides communications, outreach and information production and dissemination services for the Mineral Resources Division to assist in the promotion of exploration and mining investment opportunities and to increase public awareness of the benefits and opportunities of sustainable mineral development.

In collaboration with the government's Information Resources Division, Client Services assists in the production of news releases, editorial copy and speaking notes to generate a higher profile for mineral investment opportunities, such as the potential for diamonds and platinum-group metals in the province, and mineral education outreach activities such as Provincial Mining Week. Client Services provided editorial copy for promotional articles in industry related publications such as the Manitoba Exploration and Mining Review, Manitoba Business Magazine, Keystone Professional, Overview of Trends in Mineral Exploration and others.

Outreach activities focussed on Aboriginal economic development pertaining to the mineral resources industry. Staff attended various conferences such as Vision Quest 2000, Council for the Advancement of Native Developers, and a Hudson Bay Mining and Smelting Co., Limited business sourcing meeting for First Nations communities in northern Manitoba and Saskatchewan. Staff also administered the Prospector Training Program for God's Lake First Nation to help create an understanding of the industry and the opportunities associated with it.

Other outreach activities focussed on increasing public awareness through displays and presentations at various events such as Provincial Mining Week, Rotary Career Symposium, National Gem, Mineral and Fossil Show as well as our Manitoba Mining and Minerals Convention, where high school students were invited to participate and tour exhibits. Outreach activities also included planning and preparations to host the Great Canadian Mine Show exhibit visiting Manitoba in 2001 and the Energy and Mines Ministers' Conference to be held in Manitoba in 2002.

Client Services provided graphic design and desktop publishing services to produce various promotional and support materials for the Manitoba Mining and Minerals Convention.

Client Services worked closely with the Manitoba Geological Survey to publish 10 geological reports and 9 geological maps. Client Services staff were responsible for the editing, desktop

publishing, reproduction, promotion and distribution. These publications along with a wealth of other mineral related information resources were disseminated through library services, publication sales and/or the Mineral Resources Division web site.

To improve service delivery regarding client access to mineral information resources, Client Services relocated Publication Sales to the Library to provide clients with easier access to all publications and related services. The Library offers reference and research services for geological, mineral and petroleum information to industry, departmental staff and the public. Publication Sales provides clients with free educational and promotional materials as well as geological reports and maps available for purchase. With the relocation, Publication Sales is now able to provide clerical support for library services.

During the 2000/2001 fiscal year, Publication Sales filled 1113 requests for publications. Total publications sales amounted to $10,235.91. Library and Publication Sales responded to 1264 inquiries and had over 25,000 visits to their web pages.

As part of the Mineral Resources Division web site development team, Client Services assisted in the development and maintenance of the Division's web site pages. The Division continues to use the web site as a primary distribution tool to provide clients with current, readily accessible geoscientific data. The average monthly number of hits on the Mineral Resources Division site is 44,150, a 200% increase from the previous year.

Minerals Policy and Incentives Section

The Minerals Policy and Incentives section is responsible for monitoring industry and commodity information used in formulating of Manitoba's minerals policies, promoting mining and exploration investment opportunities and administering the Mineral Exploration Assistance Program (MEAP) and Manitoba Prospectors Assistance Program (MPAP). The section helps facilitate the provision of community adjustment services to communities facing mine closure. To achieve these goals, the Minerals Policy and Incentives section works closely with the Manitoba Geological Survey and the Mines Branch of Industry Trade and Mines and all affected government departments.

The activities and results of MineralsPolicy and Incentives are illustrated below:

On a global scale the mining industry has suffered over the past few years. Despite this, Manitoba continues to generate positive news. After gaining international recognition in the 1999 Fraser Institute survey of mining companies as 'one of the best places in the world to invest in exploration and mining', frontier exploration, particularly for platinum group metals and diamonds, has dramatically expanded. Platinum group metals are primarily used in the production of automotive catalytic converters that reduce tailpipe emissions and benefit the environment. The search for diamonds has generated new and unprecedented levels of exploration activity in north-east Manitoba.

In addition, Hudson Bay Mining and Smelting and Inco continue major investments to ensure their operations remain in Manitoba until at least 2016.

The section continued to build relationships with exploration and mining companies by promoting the advantages of investing in Manitoba. The benefits of these relationships are not always realized immediately. Mineral exploration and mine development are long-term

endeavours with inherent risks. Over the years, however, all Manitobans have benefited from a healthy minerals sector that has grown to be the second largest primary resource industry in Manitoba, with a value of nearly $1 billion annually.

The responsibilities of the Minerals Policy and Incentives section are implemented on a wide variety of fronts that include strategic business development including minerals policy, focussed client service, mining community development and administration of the minerals incentives programs.

Strategic Business Development - To effectively promote Manitoba's mineral investment advantages, it is important to understand industry trends and needs. Where possible, it is also necessary to contribute to the policies and initiatives that can impact mineral investment in a positive and sustainable way. Section representatives participated on various committees such the Mining Tax Committee, Mines Act Review Committee, and the Protected Areas Mineral Liaison Committee.

Competition for the exploration dollar has become international in scope and if we are to maintain a healthy and sustainable mining industry in the province it is critical to elevate the profile of Manitoba's mineral endowment and positive business environment. Section personnel conducted focussed marketing initiatives and attended major industry conferences to attract exploration dollars to the province. In addition, the Department worked collaboratively with local prospectors groups and Manitoba's mining communities to promote mineral and business opportunities in and around those communities through a Team Manitoba approach.

Conventions and Trade Shows - Investment opportunities were promoted through trade show displays and direct marketing efforts at the following major mining and exploration events:

- Prospectors and Developers Association of Canada (PDAC) - Toronto (6,800 in attendance)
- Cordilleran Roundup - Vancouver (1,700 in attendance)
- Northwest Mining Association - Spokane Wash. (2,500 in attendance)
- Canadian Conference on Markets for Industrial Minerals - Montreal (175 in attendance)

To compliment efforts at these conferences, a number of special events were organized.

These special events were well attended by our core customer base and are instrumental in promoting Manitoba's attractive business climate and mineral investment opportunities:

- Address at the Northwest Mining Association Conference.
- Session presentation made by the Minister and hospitality event hosted by the Minister at the PDAC.

Team Manitoba - a collaborative effort between Manitoba's mining communities, mineral property holders and staff from Industry, Trade and Mines, was also successful in promoting mineral investment. Working together, the Team, including mayors from three of Manitoba's mining communities, provided a unified front to potential investors at the Prospectors and Developers Association of Canada Conference and at the Manitoba Mining and Minerals Convention.

Client Service - Minerals Policy and Incentives, in co-operation with other Branches and government departments, provided advice and direction to help new mining and exploration companies adjust to operating in a new jurisdiction or existing companies embarking on new ventures. This client assistance was provided in both an interdepartmental team approach and

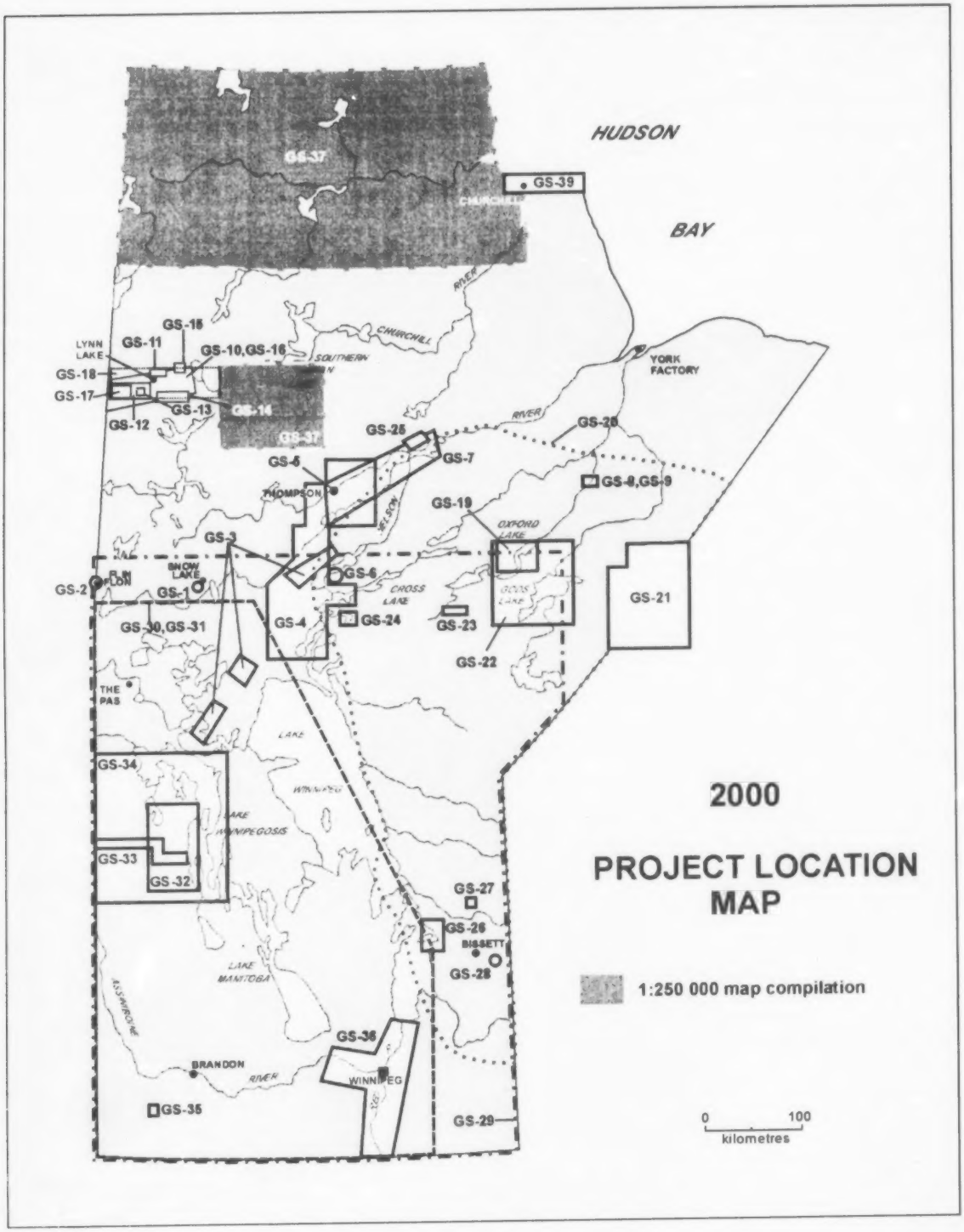
through issue driven individual service.

Community Development - activities undertaken by the section include participating in and co-ordinating various initiatives related to mine closure, including facilitating community adjustment and community economic development. The purpose of these activities is to help ameliorate the effects of mine closure on, and contribute to, the long-term viability of mining communities.

The department, along with Intergovernmental Affairs and Labour took the lead inorganizing an interdepartmental working group to deal with mine closure at Lynn Lake and Leaf Rapids. In addition to increased government geological programming in these regions, the government is also providing funding assistance from the Mining Community Reserve to help each community deal with the effects of mine closure and plan for future economic development.

Exploration Incentives - The continuation of mineral incentive programs such as the Mineral Exploration Assistance Program (MEAP), the Specialty Minerals Incentive Program (SMIP) and, the Manitoba Prospectors Assistance Program (MPAP) sent a positive message to industry that Manitoba was serious about attracting investment and supporting industry in times when market conditions make raising capital difficult. All programs were administered by the Minerals Policy and Incentives section (see pages 51-53 for more detailed information).

LOCATION OF PROJECTS 2000/2001



Map Legend

Location of Projects 2000/2001

1 Bedrock geology compilation map series (1:250 000)
2 Industrial minerals of the Churchill area
3 Structure/metallogeny (Au) Farley Lake
4 Structural analysis of the Agassiz metallotect (Maclellan/Dot Lake area)
5 U-Pb geochronological investigations of gabbro and other plutons (Lynn Lake)
6 Study of Kisseynew Domain-Lynn Lake Belt boundary
7 Structural analysis of the Johnson Shear Zone (Gemmell Lake/Dunphy Lake areas)
8 Detailed structural analysis of the Johnson Shear Zone (west Gemmell Lake area)
9 Structure/Au metallogeny (Burnt Timber Mine)
10 Controls on gold mineralization associated with the Johnson Shear Zone/Agassiz metallotect
11 Mineralization-potential mapping (data fusion analysis), Lynn Lake Greenstone Belt
12 Assean Lake ancient crust study
13 Western Superior NATMAP
14 Mystery Lake high strain zones, Thompson Nickel Belt
15 Split Lake block of the Superior Boundary Zone (Fox Lake pluton)
16 Geology of the western part of the Fox River Belt
17 Geology and mineralization of the Fox River Sill
18 Multimedia geochemical survey (Knee Lake Greenstone Belt)
19 Thompson Nickel Belt geological compilation maps
20 Flin Flon VMS deposit documentation
21 Silicification of Welch basalts (Snow Lake area)
22 Trans Hudson metamorphic overprint of Pikwitonei (Sipiwesk Lake)
23 Geology and geochronology of the Stull-Edmund Lakes area
24 Stratigraphic database and Capital Region Study
25 Stratigraphy and core drilling program
26 Petrography and chemical characterization of Thompson Nickel Belt lithologies
27 Structural studies (Cross Lake area)
28 Southeast Max Lake area
29 Geological investigation in the Knee Lake Belt
30 Saline spring geochemistry (west-central Manitoba)
31 Gravity and magnetic profile (Camperville area)
32 Investigation of the Camperville gravity low
33 PGE studies (Bird River sill)
34 Geology and structure of the North Caribou Terrane-Uchi Subprovince boundary
35 Phytoremediation and phytomining study, Central Manitoba mine site
36 Red River valley flood study
37 Aggregate resources (R.M. Cameron)
38 3-D mapping project, south central Manitoba

MINERAL INDUSTRY SUPPORT PROGRAMS

The Mineral Industry Support Programs are delivered under Manitoba Geological Survey, however, the financial information is reported under Industry Development – Financial Services.

MINERAL EXPLORATION ASSISTANCE PROGRAM

The Mineral Exploration Assistance Program (MEAP) provides financial assistance to eligible companies or individuals who undertaken mineral exploration in Manitoba. The program, established in the fall of 1995, aims to increase exploration and stimulate activities that may lead to the development of new mines. Companies/individuals may qualify for 25% - 35% of eligible exploration expenditures up to a maximum of $400,000.00 per recipient, per fiscal year; depending on the area of exploration. A higher percentage of assistance is offered for projects undertaken in the Northern Superior region of the province, due to remoteness and limited infrastructure. In response to difficult times brought on by the downturn in the mineral industry, MEAP has extended the higher percentage of assistance on eligible expenditures to include Lynn Lake/Leaf Rapids and other northern regions. The number of offerings held per fiscal year was also changed from one to two offerings.

Companies with approved projects under the April 2000 offering had until October 31, 2000 to complete their work, and approved projects under the November 2000 offering had until March 31, 2001 to complete their work. Forty-seven of the original 60 approved projects were completed.

Reviews, Audits and Inspections
To ensure accountability and integrity of the Program, the Department continued to conduct audits and inspections following guidelines developed with the Provincial Internal Audit office. In 2000/01 fiscal year, MEAP selected nine completed projects from the 1999/00 fiscal year, totaling $438,801.73 or 28% of assistance paid. All of the audits were conducted in December 2000 and January 2001. For the 2000/01 fiscal year, 14 site inspections for projects representing $916,246.23 or 26% of the allocated assistance have been completed.

Program Highlights from October 1995 to March 31, 2001

- 83 companies have participated under MEAP representing 233 exploration projects.
- 50 of the 83 companies are considered new to Manitoba including 7 joint venture partners. Of the 83 active companies, 12 are major exploration companies and 71 are junior companies (note: a company is considered a major exploration company if its market capitalization is greater than $100 million).
- $11.0 million of assistance has been issued to 233 completed projects.
- $45.3 million in exploration expenses have been reported.
- Reported exploration expenditures under the Program indicates every $1 million in assistance paid generates $4.1 million in exploration expenditures.

Mineral Exploration Assistance Program 2000/01 Status

Offering	Applications Received	Approved Applications	Proposed Exploration $ in 000's	Assistance $ Allocated in 000's	Projects Completed	Actual Exploration $ in 000's	Assistance $ Paid
00-04-03	36	27	5,376.4	1,558.7	23	3,044.4	910.5
00-11-01	42	33	9,065.7	1,914.5*	24	6,152.9	1,839.5
TOTAL	**78**	**42**	**14,442.1**	**3,473.2**	**47**	**9,197.3**	**2,750.0**

* Includes $139,544.87 of lapsed funds from the April 2000 offering and $125,000 of lapsed funds from SMIP which were reallocated.

Note: Projects approved under the November 2000 offering have until June 15, 2001 to file final reports and make application for final payment

Results of Assistance by General Region of Exploration for 2000/01

	Projects	Exploration $ in 000's	Assistance $ in 000's
Northern Superior	11 (23%)	$3,520.2 (38.3%)	$1,221.1 (44.4%)
Flin Flon/Snow Lake	9 (19%)	$1,966.2 (21.4%)	$485.1 (17.6%)
Lynn Lake/Leaf Rapids	5 (11%)	$1,206.0 (13.1%)	$413.1 (15.0%)
Southeastern Manitoba	18 (38%)	$1,472.7 (16.0%)	$361.6 (13.2%)
South Central Manitoba	0 (0%)	$0.0 (0%)	$0.0 (0%)
Thompson Nickel Belt & Extension	4 (9%)	$1,032.2 (11.2%)	$269.1 (9.8%)
TOTAL	**47**	**$9,197.3**	**$2,750.0**

SPECIALTY MINERALS INCENTIVE PROGRAM (SMIP)

The Specialty Minerals Incentive Program (SMIP) commenced on August 3, 1999 and has been allocated $250,000.00 for each year of two fiscal years ending March 31, 2001. The program is designed to assist specialty mineral companies evaluate the economic potential of existing mineral deposits and market those resources more effectively. In consideration that the Mineral Exploration Assistance program will accommodate grassroots mineral exploration, the Specialty Minerals Incentive Program will provide financial assistance towards eligible expenses which may include: consultant contract fees for the preparation of marketing studies, process flowsheets of business plans, definition drilling, geochemical analysis, bulk testing, metallurgical studies related to the testing of the commodity and certain administrative costs. It is anticipated that this program will serve specialty mineral producers in Manitoba as well as new producers attempting to establish in Manitoba. In 2000, four proposals were received and three were approved for funding.

Reviews, Audits and Inspections

To ensure accountability and integrity of the Program, the Department conducted an audit on the one completed project from 1999, following guidelines developed with the Provincial Internal Audit office. An informal inspection was conducted on one of the three approved projects for the 2000/01 fiscal year.

MANITOBA PROSPECTORS ASSISTANCE PROGRAM

The Manitoba Prospectors Assistance Program (MPAP) offers grants to prospectors conducting exploration on either their own Manitoba properties or open Crown mineral land. The Program is targeted at increasing mineral exploration in Manitoba to help replenish declining ore reserves. The Program is funded at $125,000 per year and allows individual prospectors to qualify for up to 50% of their prospecting expenditures incurred up to a maximum of $7,500 per prospector per year. An amendment to the Prospectors Assistance Program Regulation was registered on January 5, 2001. The amended regulation will increase available assistance for projects undertaken in more remote areas of the province. For these projects, the amendment provides 80% of the cost of a return charter fixed wing airfcraft flight or $1,500.00 per year, whichever is less. This amount is additional to the $7,500.00.

In 2000/01 the program received 26 applications for grants; 25 prospecting projects were approved under the program and 22 were completed. The total amount of Program funds dispersed for 2000/2001 was $106,351.19.

MANITOBA POTASH PROJECT

As partners in the Manitoba Potash Corporation, Potamine Potash Mining of Canada Inc. and the Province of Manitoba hold the development rights to known reserves in the Russell-Binscarth area of southwest Manitoba. The Manitoba Potash Project has sufficient mineable reserves to sustain a world class potash mining and processing operation for over 25 years. Potamine is controlled by Entreprise Minière et Chimique (EMC) of France. The EMC Group is one of the world's leading potash trading companies with extensive experience in the production and marketing of potash.

During this fiscal year, the department continued its efforts to market Manitoba's 49% interest in the Manitoba Potash Project by seeking out potential investors.

ACID RAIN ABATEMENT PROGRAM - FLIN FLON

This program provides financial assistance to Hudson Bay Mining and Smelting Co., Limited for the construction of environmental improvements to the metallurgical plant at Flin Flon. Modernization of the plant resulted in containment of sulphur dioxide emissions within prescribed limits.

The department continued to monitor exploration commitments by HBM&S and administered the ancillary loan agreement between Manitoba and Saskatchewan.

10-3(a) Manitoba Geological Survey

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	2,859.8	56.10	2,972.3	(112.5)	
Total Other Expenditures	1,520.6		1,467.6	53.0	
Total Expenditures	**4,380.4**	**56.10**	**4,439.9**	**(59.5)**	

MINES

OBJECTIVES

The Mines Branch administers legislation governing the disposition of mineral rights (permits, claims and leases), exploration, development, and production of the province's non-fuel mineral resources and the rehabilitation of mines and quarries. The branch comprises three sections; Mining Recording, Mining Engineering and Inspection, and Assessment.

ACTIVITIES/RESULTS

Other activities performed by Mines Branch staff included the continuing compilation of an inventory of the province's aggregate resources and administration of provincial land-use policies that deal with the conservation of aggregate resources. The Branch continued its representation on the Science and Technology Committee (sub-committee of IGWG). One of the major programs for the year was the completion of the ShallowStope Stablization Standard. Branch staff participated in a number of technical seminars and conferences.

In 2000/2001 the branch entered the eighth year of a substantial program for the rehabilitation of aggregate pits and quarries throughout the province. Under the orphan mine site program emergency work was carried out at Sherridon and contracts were awarded for engineering services at Gods Lake and Lynn Lake. Field work commenced at Gods Lake and Lynn Lake.

Mining Recording Section

Mining Recording offices are located in Winnipeg and The Pas with regional geological offices located in Flin Flon and Thompson providing limited mining recording services.

Mining Recording Offices maintain up-to-date records of mineral dispositions and leases and all legal transactions that relate to mineral dispositions and leases as required by legislation. The general public can access the computer data base on mining claims and permits through terminals located in each of the offices.

The Mining Recording Section processes applications for mineral dispositions and leases, monitors and inspects the activities of disposition and lease holders for compliance with requirements of The Mines and Minerals Act and Regulations, and collects fees, rentals, royalties, rehabilitation levies, taxes and cash security deposits payable under the Regulations. The total revenue collected by the Section during the fiscal year 2000/2001 was $2,708.1 and the rehabilitation levy collected, including interest, on the removal of aggregate material was $1,597.2 for the same period.

During the calendar year 2000, 747 mining claims and 45 exploration permits were recorded covering a total of 1,851,339 hectares. In addition, 58 quarry mineral leases, 782 casual quarry permits and 842 registration certificates for private pits and quarries were also issued during the same period. Details of the types of mineral dispositions and leases issued and in good standing in 2000 are shown on pages 60 and 61.

Mineral Dispositions Issued each calendar year 1997 to 2000

	1997		1998		1999		2000	
	No.	Hectares	No.	Hectares	No.	Hectares	No.	Hectares
Mining								
Mining Claims	1 664	201 323	594	116 905	1 024	219 077	747	151 445
Mining Exploration Permits	9	169 847	1	47 619	7	232 413	40	1 400 714
Special Exploration Permits	1	15 073	3	311 110	8	350 060	5	299 180
Quarrying								
Leases	70	4 007	27	1 096	54	2 560	58	4 108
Exploration Permits	-	-	-	-	-	-	1	126
Casual Quarry Permits	780	-	803	-	783	-	782	-
Peat								
Leases	24	2 461	3	732	12	1 837	17	2 773
Private Aggregate Registration Certificates	802	-	831	-	841	-	842	-

Mineral Dispositions in Good Standing at calendar year end 1997 to 2000

	1997		1998		1999		2000	
	No.	Hectares	No.	Hectares	No.	Hectares	No.	Hectares
Mining								
Mining Claims	7 030	936 210	6 809	893 721	6 111	885 784	5 253	742 749
Order-In-Council Leases	3 653	120 804	3 653	120 601	3 653	120 601	3 653	120 562
Mining Exploration Permits	13	310 250	14	352 343	10	295 933	17	581 806
Special Permits	6	492 988	9	587 136	13	608 437	21	1 142 526
Mineral Leases	323	33 262	323	33 599	295	32 687	268	31 705
Potash								
Leases	1	5 787	1	5 787	1	5 787	1	5 787
Quarrying								
Leases	711	34 509	712	34 145	729	35 032	769	38 401
Exploration Permits	-	-	-	-	-	-	1	126
Peat								
Leases	117	17 726	118	17 979	128	16 601	142	22 039
Exploration Permits	-	-	-	-	-	-	-	-
TOTAL	11 854	1 951 536	11 639	2 045 311	10 940	2 000 862	10 125	2 685 701

Mining Engineering and Inspection

The primary purpose of the Mining Engineering and Inspection Section is to facilitate and encourage sound exploration, mining and rehabilitation practices in the province consistent with the principles of sustainable development and in compliance with The Mines and Minerals Act.

Staff monitor mining activity in Manitoba to ensure compliance with requirements under The Mines and Minerals Act including licences, registrations, permits, leases, closure plan submissions, royalty/levy charges on production, and environmental operation standards. In 2000/2001 inspection staff conducted over 2000 field inspections that comprised the monitoring of mining compliance at quarry lease and casual quarry permit locations, private pit/quarry operations and site rehabilitation projects.

Staff accompanied the Honourable Minister of Conservation and had community meetings at Lynn Lake and Sherridon. The Director and the Chief Mining Engineer had community meetings at Gods Lake and at Sherridon to present the orphan mine site program and the scope of work. Several operating mines were visited by the staff and advice on mine closure plans was given to respective environmental staff in order to speed up the closure plan submissions.

The Mine Closure Regulation came into force on May 25, 1999. Guidelines for industry in the application of this Regulation were developed by a team consisting of industry and government representatives addressing the issues of mine rehabilitation standards, the timing of said measures and the provision of security to meet the costs of closure. Closure plans submitted by operating mines were reviewed by the regulatory agencies and all the plans, apart from one, were approved by the Director of Mines. One company, Black Hawk Mining Inc., has ceased its operations and have put the mine under care and maintenance. Departmental staff have been working with the company to ensure that requirements under the Mine Closure Regulation are met.

One significant priority during the year was to try and resolve the question of liability for the Lynn Lake East Tailings Management Area. Progress has been made toward developing a Memorandum of Understanding to address the long term environmental issues of the East Tailings Management Area.

Branch staff participated on various interdepartmental Technical Review Committees. A presentation was made to Manitoba Prospectors and Developers Association on Mines Branch policies, functions and staffing. Staff took part in judging the Provincial Mine Rescue Competition at ACEL and two career symposiums.
The Mines and Minerals Act, proclaimed in 1992, introduced a program to address the rehabilitation of pits and aggregate quarries in the province. Aggregate producers pay an annual levy based on the tonnes that they've produced and this money is set aside in a fund to be used for pit and quarry rehabilitation. On the basis of aggregate production from private and Crown lands in 2000/2001 some $1.4 million was contributed to this Quarry Rehabilitation Fund, with 168 rehabilitation projects being completed at a cost of $1.9 million. The total number of projects completed since 1992 comprise approximately 4400 hectares of land rehabilitated. All the work has been undertaken through private equipment rental agreements or tendered contracts with private operators, administered and monitored by branch inspection staff.

In response to increasing land development pressure in agro-Manitoba, significant effort has been expended towards providing technical assistance and land use information for newly

created planning districts. High quality mineral deposits and dispositions are documented and technical advice concerning land management was provided to several planning districts.

A new concept for land use maps for the capital region for resource management purposes has been initiated. Staff participated in Municipal Board and Conditional Use hearings to assist these regulatory bodies on land use planning matters. A total of 1,885 land use proposals, including subdivision applications, Crown land sales, zoning memorandum and Crown surface use clearances were assessed for potential land use conflicts.

Progress towards meeting provincial obligations for Treaty Land Entitlement and Northern Flood Agreement in accordance with the related legal agreements was made. Thirty-four land selections representing approximately 23,141 hectares were assessed. Mineral dispositions in good standing that were affected by land selections were documented and technical advice in support of the process was provided. Staff participated in a two day workshop for Treaty Land Entitlement with Manitoba Treaty Land Inc.

Staff participated in the implementation of the Network of Special Places Action Plan and helped identify and assess candidate sites. Technical support to the stakeholder assessment/consultation process was provided by land title research and interpretation, documenting mineral tenure and preparing the legal instruments for withdrawal of Crown mining rights. Special attention was given to Wildlife Management Areas and northern areas of special interest.

Staff participated in policy development for the provincial sustainable development initiative. Major activities included the fish and wildlife strategy, sustainability indicators, mineral strategy, East side of Lake Winnipeg and Shoal Lake Watershed management plan and provided technical support to the Consultation on Sustainable Development Implementation process. The principles and practices of sustainable development were incorporated into several land management plans.

Technical support was also provided to Crown land planning through activities of the Crown Land Classification Committee. Technical advice regarding resource management, classification and use of Crown land, policy development and suitability of land designations is provided.

The website for sustainable development and land access in the mining sector was updated for the departmental web page.

Assessment Section

The Section receives and evaluates reports of required work submitted under The Mines and Minerals Act to ensure compliance with legislation and acceptable industry standards. At first confidential, these reports are eventually transferred to the non-confidential assessment library open to the public. These reports are indexed, microfilmed and scanned. Clients can view reports in our office or on the website. Copies can be obtained from printing them directly from the website or ordering them from the Assessment Library. These reports are available on paper, microfilm or compact disc.

The Section also provides advice to the Review Panel and Administrator of the Mineral Exploration Assistance Program on the merits and validity of the projects, acceptance of final reports and recommendations on payment or non-payment of grants.

The Section monitors mining exploration activities in the province and contributes to the preparation of reports on industry activity. It also acts as liaison between Natural Resources Canada and the mining industry for the gathering of statistics on exploration and production.

	1997	1998	1999	2000
Reports of work added to assessment library	174	211	114	139
Reports transferred to non-confidential status	355	87	114	106
PRIVATE SECTOR:				
Visits	266	185	139	191
Reports examined	1,931	1,305	746	978
Reports duplicated for clients	825	1,135	241	372
Microfiche duplicated for clients	140	3,652	555	857
CD'S duplicated for clients	-	-	29	108
DEPARTMENTAL STAFF:				
Reports examined	298	344	190	556
Reports duplicated for staff	19	25	10	7
Microfiche duplicated for Winnipeg. and Northern Offices	-	3,765	2,144	996

10-3(b) Mines

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries and Employee Benefits	1,519.9	32.50	1,507.9	12.0	
Total Other Expenditures	637.1		605.0	32.1	
Total Expenditures	**2,157.0**	**32.50**	**2,112.9**	**44.1**	

Mining Board

The Mining Board is established under the Mines and Minerals Act. The primary function of the Board is the arbitration of disputes between surface rights holders and mineral rights holders with respect to accessing of minerals other than oil and gas. The Board can also hear and resolve disputes between holders of mineral dispositions and between holders and officers of the Department.

In 2000/01 three cases were referred to the Mining Board. Two cases were resolved by the Board and one case was dropped when the disputant withdrew his dispute.

COMMUNITY AND ECONOMIC DEVELOPMENT

COMMUNITY AND ECONOMIC DEVELOPMENT COMMITTEE

OBJECTIVES

The Community and Economic Development Committee (CEDC) is the cabinet committee responsible for initiation and co-ordination of community and economic development activity. CEDC is comprised of six senior cabinet ministers, and is chaired by the Premier.

The CEDC Secretariat provides analytical expertise and administrative support to the Community. Staff assist the Committee in the development and implementation of policy consistent with the community and economic development priorities of Government. In co-operation with departments, community and business leaders, the Secretariat provides CEDC with the necessary supports and analysis to ensure responsible economic growth and sustainability for the Province of Manitoba.

ACTIVITIES/RESULTS

Some of the specific results achieved through the involvement of the Secretariat were:

- **Simplot** - The company announced the construction of a $120 million potato processing plant in Portage la Prairie. The project will create 1630 plant and farm construction jobs, and 790 direct and indirect jobs during operation.

- **True North Centre** - Negotiations with proponents for a $125 million downtown Winnipeg sports and entertainment complex. The project will create an estimated 1600 person years of direct and indirect employment during construction.

- **Community Economic Development (CED)** - Ongoing co-ordination of cross-departmental efforts to encourage Community Economic Development by establishing policies and programs to build social and human capital, and increase access to financial resources.

- **Arts and Ideas Project** - A $6 million restoration of the Ashdown hardware Store (Big Four) on Main Street in Winnipeg. A portion of the renovated structure will provide a permanent home for the Manitoba Conservatory of Music and Arts and Winnipeg's Contemporary Dancers.

- **Red River College Expansion** - A $31.5 million high-tech campus for Red River College on historic Princess Street in downtown Winnipeg. The 225,000 square foot building will accommodate 2020 students in new economy fields of study.

- **Land Forces in Manitoba** - Co-ordination of the Province's efforts to retain the 2nd Battalion, Princess Patricia's Canadian Light Infantry and the 1st Regiment, Royal Canadian Horse Artillery in Manitoba.

- **Stevenson Aviation Air Training Centre** - Expansion of technical training programs to address critical aviation industry skill shortages

Broadband Task Force - Initiation of a strategy of aggregating community and government demand for high speed data communications services to be delivered by the private sector as a vehicle for the promotion of broadband services to Manitobans.

- **Northern Development Strategy** - Co-ordination of interdepartmental activity, resources and services being planned for, and delivered to, Northern Manitoba, with a focus on housing, health, transportation, employment and training and economic development

- **Red River Floodway** - Initiation of inter-Departmental planning toward a major flood-protection project for the City of Winnipeg

10-4(a) Community and Economic Development Committee

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	498.7	9.00	564.4	(65.7)	
Total Other Expenditures	201.8		375.1	(173.3)	1
Total Expenditures	**700.5**	**9.00**	**939.5**	**(239.0)**	

Explanation Number:

1. Operating expenditures were less than budgeted.

GRANT ASSISTANCE
-ECONOMIC INNOVATION AND TECHNOLOGY COUNCIL
-ECONOMIC INNOVATION AND TECHNOLOGY FUND
-MANITOBA INNOVATIONS FUND

Since 1992, the Economic Innovation and Technology Council (EITC) has been the Province's advisory council on economic development and innovation. Established by the *Economic Innovation and Technology Council Act,* EITC serves as an interface between government and stakeholders from business, industry, institutions and academia, and acts as a catalyst in establishing partnerships and alliances for increased economic development through innovation. Analytical research, reporting and administrative support for the council and its activities are provided for by a secretariat.

The *Economic Innovation and Technology Council Act,* also created an Economic Innovation and Technology Fund, whereby EITC may provide grants, loans, loan guarantees, and incentives for proposals that meet its goals and objectives. The Province reserved $10.0 million from the proceeds of the sale of Manitoba Data Services to establish the Fund.

The Manitoba Innovations Fund (MIF) was established in 1998/99 to increase the capability of Manitoba's universities, colleges, hospitals, and other not-for-profit institutions, to conduct world-class scientific research and technology development. Beginning in 1998/99, $7.0. million has been and will continue to be invested annually, for a total contribution of $35.0. million over a five-year period.

OBJECTIVES

EITC's mission is "***to promote and enhance a climate of entrepreneurship, innovation and technological development that spurs responsible economic development for the benefit of all Manitobans.***"

EITC's five goals, essential to the fulfilment of its mission and mandate, are set out in the *Framework for Action* document. They are:

1. To get stakeholders to work together;
2. To facilitate the development and commercialization of technology;
3. To position Manitoba as a world-class environment for economic innovation;
4. To create an entrepreneurial climate; and
5. To encourage innovation in education and training.

MIF will provide funding for infrastructure to support research and development that will:

- Enhance economic growth and job creation;
- Lead to improvements in health, the environment, and in quality of human life;
- Build capacity for innovation;
- Strengthen training for research careers for young Manitobans;
- Attract and retain capable researchers and scientists in Manitoba;
- Promote dialogue, networking and collaboration amongst researchers and

- Ensure the optimal use of the province's research infrastructure by promoting sharing within and between institutions.

MIF will target its investment in key areas such as life sciences, environment, science and engineering. The Fund will focus on developing research infrastructure that will produce products or skills that have the potential for commercialization, are strategically focussed, and encourage collaboration. Funding from this initiative will be available for projects that coincide with Provincial priorities, which include strategic partnerships with organizations such as the Canadian Foundation for Innovation (CFI).

ACTIVITIES/RESULTS

The following are examples of activities undertaken by EITC in 2000/01.

Invest Manitoba - In 2000/01 Invest Manitoba continued its ongoing educational events, the *Art of Raising Capital Seminar Series*, and provided businesses with a foundation to build relationships with investors. Seminar topics included: The Information and Communications Technologies (ICT) Companies Investment Program, TechComm Forum 2001, Strategic Alliances: New Opportunities for Strategic Growth, Keystone Companies: New Opportunities for Growth Capital, and Financing Basics: What You Need To Grow Your Business.

In addition, Invest Manitoba held its 5th Annual *Invest Manitoba Venture Showcase* bringing together entrepreneurs, financial institutions, venture capitalists, and angel investors. In 2000, over 20 companies made presentations to and networked with over 400 potential investors.

Community Connections - In a Memorandum of Agreement (MOA) announced on March 7, 2000, the Governments of Canada and Manitoba agreed to provide joint funding of up to $11.1 million to increase the number of public Internet access sites in Manitoba from 146 to 586. Manitoba, therefore, assumed a leadership role in the development of a province-wide, Internet-based infrastructure system that will provide greater public access to government and community-based information and services within each targeted community.

In 2000/01 Community Connections undertook to sign contracts with a minimum of 440 community groups to establish public Internet access sites. The process entailed:

- Reviewing correspondence from interested communities within Manitoba. In total, 573 communities expressed interest in the establishment of public Internet access sites.
- Inviting successful communities to participate in developing community network proposals.
- Assisting community groups in Winnipeg and across the province to prepare successful proposals by involving staff from Community Connections, Community Resource Coordinators from the City of Winnipeg, Primary Health Coordinators from the Winnipeg Regional Health Authority, and staff from Intergovernmental Affairs.
- As of April 10, 2001 Community Connections had signed 460 contracts to establish public Internet access sites.

Broadband National Task Force - On July 13, 2000 the Broadband Investigation Committee (BIC) was established by the Community and Economic Development Committee of Cabinet (CEDC). The BIC was asked to report on options available to the Province in developing the

most cost-effective deployment of broadband communications infrastructure in Manitoba. The report recommended the development of a community network model that aggregates the data communications and telecommunications needs of the public sector, including the provincial government, schools, regional health authorities, libraries, municipalities and communities, into a public sector data network model to promote the growth of high-speed networks through out the Province.

Economic Innovation and Technology Fund - Proposals receiving funding in 2000/01 were:

Broadband Network Project Office - In 1999, Council approved funding to the Manitoba Innovation Network (MIN) for the establishment of a Broadband Project Office for $375 thousand over a three-year period. The Office's mandate is to promote and guide broadband research and development within Manitoba.

Science and Technology (S&T) Awareness - EITC established the Manitoba Network for Science & Technology (MindSet) to encourage and promote: (1) Scientific and technological awareness, knowledge, ability and skills; (2) Improved school-to-work transition in science and technology areas, and; (3) Innovation in science and technology. In 2000/01 funding for MindSet was $180 thousand and, included support for a co-ordinator, involvement in communication initiatives, participation in S&T open houses, and increased focus on year-round activities and various community awareness activities. MindSet is actively involved with various programs such as: Aventis Biotechnology Challenge; Innovators in the Schools; Digitized Student Technology Conference; Summer Institutes (topics include telecommunications, multi-media, biotechnology and robotics.automation); MindSet Web-Site and; Manitoba Science and Technology Achievement Event.

SMARTpark - In 1999, EITC approved funding in the amount of $2.8 million to assist the University of Manitoba in the development of a research park – also known as SMARTpark - on 110 acres of land on its Fort Garry campus. SMARTpark will focus on knowledge-based industries such as advanced materials and manufacturing technologies, information technology and telecommunications, pharmaceutical and agricultural biotechnologies, and resource-based value-added products and processing. Through its efforts, SMARTpark, is positioning Manitoba within the knowledge-based global economy.

The development of the Park is in two phases. Phase I includes the development of 50 acres and Phase II will see the development of 58 acres. Phase I infrastructure and operation costs total $5.6 million. These costs represent what is required to service the site (i.e. roads, drainage, water and sewage systems, and utilities) and the 18-month operating costs (i.e. common area maintenance, salaries and benefits for SMARTpark staff, marketing and property taxes).

Manitoba Innovations Fund - Since 1998, MIF has provided $20.1 million in funding to researchers for the purchase of equipment that enhances the province's research infrastructure. Funding is available for projects that coincide with Provincial priorities, including the development of a strategic partnership with the Canadian Foundation for Innovation (CFI). In 2000/01, 49 projects received $7.74 million in funding through the MIF. A total of $992 thousand was allocated to 29 projects through the Regional Partnerships Program jointly funded by the Canadian Institutes for Health Research (CIHR). The remaining $6.75 million was used to fund 22 projects at the Universities of Brandon, Manitoba and Winnipeg and the St.Boniface Hospital Research Centre. This leveraged an additional $6.75 million in matching contributions from CFI in 2000/01.

Among the numerous projects funded in 2000/01, MIF supported Anthony Wright, a new researcher in Manitoba, in the establishment of a Pain Research Facility. This facility, at the University of Manitoba, is dedicated to the study of pain and its alleviation through various rehabilitation strategies. The Province also provided funding for Dr. John Wilkins and the Manitoba Centre for Proteomics. This Centre builds on the study of Genomics and will explore the genetic origins of numerous diseases.

10-4 (b) Economic Innovation and Technology Council
10-4 (c) Economic Innovation and Technology Fund
10-4 (d) Manitoba Innovations Fund

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Grant – Economic Innovation and Technology Council	1,023.9		1,023.9	0.0	
Grant – Economic Innovation and Technology Fund	270.5		500.0	(229.5)	1
Grant – Manitoba Innovations Fund	6,991.7		7,000.0	(8.3)	
Total Expenditures	**8,286.1**		**8,523.9**	**(237.8)**	

Explanation Number:

1. Various program areas of the Economic Innovation and Technology Fund were under-expended.

AMORTIZATION OF CAPITAL ASSETS

Commencing in 1999/2000, it is the policy of the Province of Manitoba to record in the accounts of the Province, the tangible capital assets owned and used by the Province along with appropriate amortization costs. The Provincial Comptroller has established standard asset classes, along with capitalization thresholds and corresponding amortization rates. Consistent with this policy, this sub-appropriation records the costs associated with the amortization of the Department's share of the total estimated costs of the Desktop Management Initiative and Enterprise System Management allocated to the Department. In the case of Desktop, based on units acquired by the Department as a percentage of total units acquired by the Province and, in the case of Enterprise System Management, by projected departmental used. A small amount is also included for the amortization of other departmental assets.

10-5 Amortization of Capital Assets

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Amortization of Capital Assets	460.6		477.8	(17.2)	
Total Expenditures	**460.6**		**477.8**	**(17.2)**	

Industry, Trade and Mines

(does not include Petroleum, please reference Section 2)

Reconciliation Statements

EXPENDITURE DETAILS	2000/01 ESTIMATES
2000-01 MAIN ESTIMATES	40,059.3
ALLOCATION OF FUNDS :	
- Canada-Manitoba Enabling Vote	7,000.0
2000-01 ESTIMATE	47,059.3

REVENUE DETAILS	2000/01 ESTIMATES
2000-01 MAIN ESTIMATES	2,590.5
ALLOCATION OF REVENUE TO :	
2000-01 ESTIMATE	2,590.5

Industry, Trade and Mines
Expenditure Summary
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Estimate 2000/01 $	Appropriation	Actual 2000/01 $	Actual 1999/2000 $	Increase (Decrease) $	Explanation Number
	10-1 Administration and Finance				
27.3	(a) Minister's Salary	27.1	27.0	0.1	
	(b) Executive Support				
406.5	Salaries & Employee Benefits	400.6	464.8	(64.2)	
85.0	Other	83.3	109.5	(26.2)	
	(c) Financial & Administrative Services				
1,132.0	Salaries & Employee Benefits	1,086.7	1,171.9	(85.2)	
376.5	Other	364.4	423.2	(58.8)	
110.0	Computer Services	109.7	96.7	13.0	
	(d) Research & Economic Services				
646.2	Salaries & Employee Benefits	666.7	630.1	36.6	
219.1	Other	202.7	205.9	(3.2)	
	(e) Manitoba Office in Ottawa				
117.6	Salaries & Employee Benefits	105.1	121.3	(16.2)	
116.4	Other	79.1	76.5	2.6	
	(f) Manitoba Bureau of Statistics				
663.9	Salaries & Employee Benefits	649.6	641.5	8.1	
305.4	Other	299.9	246.8	53.1	
(50.0)	Less: Recoveries from Other Appropriations	(107.3)	(98.2)	(9.1)	
164.5	(g) Manitoba Horse Racing Commission	178.4	64.5	113.9	1
4,310.4	TOTAL 10-1	4,146.0	4,181.5	(35.5)	

Industry, Trade and Mines
Expenditure Summary
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Estimate 2000/01 $	Appropriation	Actual 2000/01 $	Actual 1999/2000 $	Increase (Decrease) $	Explanation Number
	10-2 Business Services				
	(a) Industry Development – Consulting Services				
2,020.9	Salaries & Employee Benefits	1,775.4	1,860.6	(85.2)	
840.1	Other	1,058.4	763.5	294.9	
11.9	Other Grants	8.4	7.2	1.2	2
	(b) Industry Development – Financial Services				
858.0	Salaries & Employee Benefits	732.1	804.6	(72.5)	
447.5	Other	449.0	293.6	155.4	3
	(3) Industry Support Programs:				
7,180.3	(a) Manitoba Industrial Opportunities Program	6,546.2	41,611.9	(35,065.7)	4
1,937.6	(b) Vision Capital Program	1,178.5	9,003.0	(7,824.5)	5
1,563.1	(c) Manitoba Business Development Fund	1,634.7	1,739.2	(104.5)	
-	(d) Small Business Expansion Fund	-	0.0	0.0	
626.3	(e) Manitoba Capital Fund	388.3	266.9	121.4	6
(3,053.1)	(f) Less: Interest Recovery	(1,340.5)	(1,579.6)	239.1	7
-	(g) Less: Recoverable from Rural and Urban Economic Development Initiatives	-	0.0	0.0	
	(4) Mineral Support Programs:				
2,750.0	(a) Mineral Exploration Assistance Program	2,750.0	1,521.1	1,228.9	8
204.2	(b) Manitoba Potash Project	261.3	191.2	70.1	
292.9	(c) Acid Rain Abatement Program - Flin Flon	342.0	816.2	(474.2)	9
250.0	(d) Specialty Minerals Incentive Program	17.5	31.3	(13.8)	
125.0	(e) Prospectors' Assistance Program	106.4	87.1	19.3	

Industry, Trade and Mines
Expenditure Summary
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Estimate 2000/01 $	Appropriation	Actual 2000/01 $	Actual 1999/2000 $	Increase (Decrease) $	Explanation Number
	10-2 Business Services (Continued)				
	(c) Manitoba Trade and Investment Marketing				
2,046.9	Salaries & Employee Benefits	1,895.2	1,964.0	(68.8)	
2,284.8	Other	2,384.8	2,538.3	(153.5)	
250.0	Grants	159.2	228.2	(69.0)	
	Less: Recoverable from Rural and Urban				
(1,000.0)	Economic Development Initiatives	(1,000.0)	(1,000.0)	0.0	
	(d) Small Business and Entrepreneurial Development				
1,140.8	Salaries & Employee Benefits	1,015.5	1,062.9	(47.4)	
741.4	Other	646.4	662.0	(15.6)	
30.0	Grants	30.0	30.0	0.0	
	(e) Access 204 Manitoba				
283.8	Salaries & Employee Benefits	154.0	217.4	(63.4)	
426.7	Other	428.3	290.9	137.4	10
45.0	Grants	45.0	35.6	9.4	
	Less: Recoverable from Rural Economic				
(198.2)	Development Initiative	(156.2)	(135.5)	(20.7)	
765.0	(f) Industrial Technology Centre	765.0	851.3	(86.3)	
3,000.0	(g) Health Research Infrastructure Initiative	3,000.0	3,000.0	0.0	
384.0	(h) Manitoba Centres of Excellence Fund	292.4	365.0	(72.6)	
26,254.9	TOTAL 10-2	25,567.3	67,527.9	(41,960.6)	

Industry , Trade and Mines
Expenditure Summary
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Estimate 2000/01 $	Appropriation	Actual 2000/01 $	Actual 1999/2000 $	Increase (Decrease) $	Explanation Number
	10-3 Mineral Resources				
	(a) Manitoba Geological Survey				
2,972.3	Salaries & Employee Benefits	2,859.8	2,787.3	72.5	
1,467.6	Other	1,520.6	1,394.3	126.3	
	(b) Mines				
1,507.9	Salaries & Employee Benefits	1,519.9	1,450.8	69.1	
605.0	Other	637.1	597.0	40.1	
-	Mines site Cleanup	-	5,000.0	(5,000.0)	11
6,552.8	TOTAL 10-3	6,537.4	11,229.4	(4,692.0)	
	10-4 Community and Economic Development				
	(a) Community and Economic Development Committee Secretariat				
564.4	Salaries & Employee Benefits	498.7	539.6	(40.9)	
375.1	Other	201.8	283.2	(81.4)	
1,023.9	(b) Grant Assistance - Economic Innovation and Technology Council	1,023.9	1,023.9	0.0	
500.0	(c) Grant Assistance - Economic Innovation and Technology Fund	270.5	2,968.1	(2,697.6)	12
7,000.0	(d) Grant Assistance - Manitoba Innovations Fund	6,991.7	5,248.0	1,743.7	13
9,463.4	TOTAL 10-4	8,986.6	10,062.8	(1,076.2)	

Industry Trade and Mines
Expenditure Summary
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Estimate 2000/01 $	Appropriation	Actual 2000/01 $	Actual 1999/2000 $	Increase (Decrease) $	Explanation Number
	10-5 Amortization of Capital Assets				
477.8	(a) Amortization of Capital Assets	460.6	431.0	29.6	
477.8	TOTAL 10-5	460.6	431.0	29.6	
47,059.3	TOTAL FOR INDUSTRY, TRADE AND MINES	45,697.9	93,432.6	(47,734.7)	

Industry, Trade and Mines
Expenditure Summary Explanations

Explanation Number:

1. *Funding for the Horse Racing Commission was higher in 2000/01. The 1999/2000 funding amount was curtailed by the 1998/99 operating surplus.*

2. *The variance is due to the higher than anticipated operating expenditures, in 2000/01.*

3. *The variance is due to a professional services contract in 2000/01.*

4. *The allowance for loan losses and forgivable loans expenditures were lower in 2000/01. These year-over-year decreases were offset by an increase in interest expenditures.*

5. *The allowance for loan losses was lower in 2000/01.*

6. *The loan loss valuation allowance and interest expenditures were higher in 2000/01.*

7. *Interest recoveries were lower in 2000/01 due to a smaller loan portfolio.*

8. *Expenditures were higher in 2000/01. In 1999/2000 several projects were incomplete and/or cancelled due to market conditions, company restructuring, legal complications and unfavourable weather conditions.*

9. *Interest expenditures were lower in 2000/01.*

10. *Expenditures were higher in 2000/01, due to several advertising campaigns being undertaken.*

11. *The variance is due to the Province's obligation at the Ruttan Mine Site. An allowance was established in 1999/2000 representing the province's estimated liability for environmental clean-up costs at the mine site. There was no comparable expenditure in 2000/01.*

12. *The variance is due to expenditures related to the SmartPark project*

13. *The variance is due to timing differences. Actual expenditures are based on project approval and receipt of claims/invoices from clients.*

Industry, Trade and Mines
Revenue Summary by Source
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Actual 1999/2000 $	Actual 2000/01 $	Increase (Decrease) $	Source	Actual 2000/01 $	Estimate 2000/01 $	Variance $	Explanation Number
			Current Operating Programs:				
			Other Revenue				
2,968.1	-	(2,968.1)	(a) Economic Innovation and Technology Fund	-	-	0.0	1
2,663.4	2,708.1	44.7	(b) Minerals Royalties and Fees	2,708.1	2,523.5	184.6	
636.8	61.0	(575.8)	(c) Sundry	61.0	67.0	(6.0)	2
6,268.3	2,769.1	(3,499.2)	Sub-Total	2,769.1	2,590.5	178.6	
6,268.3	2,769.1	(3,499.2)	TOTAL REVENUE	2,769.1	2,590.5	178.6	

Explanation Number:

1 *This revenue stream relates to the recovery, from the Fiscal Stabilization Fund, of funds disbursed from the Economic Innovation and Technology Fund.*
Decrease Actual vs Actual - $2,968.1
In 1999/2000 funds were recovered from the Fiscal Stabilization Fund for expenditures from the Economic Innovation and Technology Fund. There was no comparable recovery in 2000/01.

2 *Decrease Actual vs Actual - $575.8*
In 1999/2000, revenue was received related to the Farley Lake Royalty Agreement. There was no comparable revenue stream in 2000/01.

Industry Trade and Mines
Five-Year Expenditure and Staffing Summary by Appropriation ($000s)
For Five Years Ended March 31, 1997 - March 31, 2001

	Actual/*Adjusted Expenditures									
	1996-97		1997-98		1998-99		1999-2000		2000-01	
Appropriation	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**
Administration & Finance	54.54	6,609.3	50.67	3,976.3	55.04	4,175.2	54.60	4,181.5	52.26	4,146.0
Business Services	94.04	26,825.8	102.29	27,901.8	101.41	38,447.3	97.07	67,527.9	88.48	25,567.3
Mineral Resources	83.71	5,700.5	81.36	5,717.9	82.06	5,724.9	78.70	11,259.4	75.34	6,537.4
Community and Economic Development Committee	5.56	2,337.7	5.85	1,943.0	5.73	2,731.7	4.03	10,062.8	7.70	8,986.6
Amortization of Capital Assets						1.1		431.0		460.6
TOTAL OPERATING	237.85	41,473.3	240.17	39,539.0	244.24	51,080.2	234.40	93,432.6	223.78	45,697.9
Expenditures Related to Capital										
TOTAL	237.85	41,473.3	240.17	39,539.0	244.24	51,080.2	234.40	93,432.6	223.78	45,697.9

* - Adjusted figures reflect historical data on a comparable basis in those appropriations affected by reorganizations during the five years.

SECTION 2

PETROLEUM

FORMERLY PART OF
THE DEPARMENT OF CONSERVATION

PETROLEUM

The Petroleum branch was previously part of the Department of Conservation, and was transferred, in January of 2001, to Industry, Trade and Mines, Mineral Resource Division.

OBJECTIVE

To provide for and encourage the safe and efficient development of Manitoba's oil and gas resources in accordance with the principles of sustainable development.

ACTIVITES/RESULTS

Manitoba's oil and gas sector, though small by national or international standards, is a significant component of the provincial economy particularly in the southwestern part of the Province.

In 2000, Manitoba produced 621 360 cubic metres of oil having a total value of over $163 million. This is equivalent to about 27 percent of the province's refined petroleum products needs. Since there are no refineries in Manitoba all of the Province's production is exported through the Enbridge Pipelines system to refiners in Ontario and the US.

In 2000, the petroleum industry spent almost $85 million in Manitoba to explore for and develop new oil pools, and to operate over 1,900 wells in the province.

It is estimated that the petroleum industry in Manitoba provides direct employment for approximately 300 Manitobans and indirect employment for at least that many people.

In 2000/01, royalties, production taxes and revenue from the leasing of Crown owned oil and gas rights added $8.5 million to the Provincial treasury. Significant revenues were also collected by the province through income taxes, retail sales tax, corporation capital tax, payroll tax and fuel taxes. In addition, the industry paid about $2.3 million in property taxes to the various municipalities where oil wells and facilities are located.

The Branch administers The Oil and Gas Act and related regulations governing the exploration, development, production, transportation and storage of crude oil and natural gas. The Branch is also responsible for The Oil and Gas Production Tax Act. Additionally, officers and inspectors of the Branch are designated as Workplace Safety and Health Officers under The Workplace Safety and Health Act with respect to oilfield operations. The inspectors also act as industry's first point of contact with regard to oil field related environmental issues.

Amendments to the Crown Royalty and Incentive Regulation under The Oil and Gas Act were introduced to provide targeted enhancements to the Manitoba Drilling Incentive Program in the areas of deep drilling, prolonging the life of marginal wells and encouraging more efficient resource recovery.

Albchem Manitoba Ltd. completed the drilling of two wells as part of its $40 million sodium chlorate manufacturing facility under construction in the Virden area. One of the wells will be used to extract salt from the Prairie Formation for plant feedstock and the other will be used to dispose of the plant effluent streams.

The Branch participated in the Canadian Association of Petroleum Landmen Prospect Exchange in Calgary on April 27 & 28, 2000. This trade show provided an excellent forum for the promotion of investment opportunities in Manitoba's oil and gas resources.
The Branch hosted two Industry/government round table meetings (Calgary and Virden) to consult with industry on proposed regulatory amendments and other policy development issues.

The Branch also participated in the 8th International Williston Basin Horizontal Well Symposium in Bismarck, North Dakota on May 7-9, 2000. This symposium provided a forum to discuss horizontal drilling technologies and promote Manitoba's oil and gas resources.

In conjunction with the Manitoba Oil Museum the Branch hosted the 2000 Manitoba Oil Show. The oil show was held in Virden on May 17 - 18, 2000. Over 60 oilfield service and supply companies exhibited their products and services at the oil show. During the two days, over 700 people attended the oil show. At the Oilfield Recognition Supper, five pioneers of the industry were inducted into the Manitoba Oil Field Hall of Fame.

Administration and Geology Section

Administration - Responsibilities of the administration functions of the Section include:

- administration of Crown oil and gas rights;
- data collection;
- collection of petroleum revenue;
- administration of The Manitoba Drilling Incentive Program; and
- administration of performance deposits and the Abandonment Reserve Account Fund.

Crown Oil and Gas Rights - Four Crown oil and gas lease sales were held in 2000/01. Eighty leases covering 5,173 hectares and five exploration reservations covering 12,287 hectares, were sold for a total of $901,734. Revenue collected for Crown oil and gas lease sales was up from the 1999/00 lease revenue of $623,863.

Since 1979, the province has received $30,568,529 in revenues from the disposition of Crown oil and gas rights. As of December 31, 2000, 85 389 hectares of Crown oil and gas rights were under disposition. Crown leases accounted for 100% of this total. Compared to 1999, the total area under disposition decreased by 17%.

The section processed 24 lease renewals, 184 lease surrenders, eight transfers and one company amalgamation. It also issued 76 new leases and five new exploration reservations.

Data Collection - The section collects monthly oil production data and data on the disposal and injection of salt water for all active wells in the province. As of December 31, 2000, there were 1,935 non-abandoned wells in Manitoba. Digital well production histories are available for all wells.

Petroleum Revenues - Administration is responsible for the collection of petroleum revenues and for conducting sales of Crown leases and exploration reservations. The section collects annual lease rentals, Crown oil royalties and freehold oil taxes, and processes lease renewals and extensions. The section is also responsible for the enforcement of other provisions under the Crown Disposition Regulation, the Crown Royalty and Incentives Regulation and portions of the Drilling and Production Regulation.

During 2000/01, the section collected $8.5 million in revenues from the petroleum industry.

These revenues comprise $2.6 million in Crown oil royalties, $4.7 million in freehold oil taxes and $1.2 million from administration of Crown oil and gas rights. The revenue collected was up from the $6.2 million collected in 1999/00.

Reduction in Crown Royalties and Freehold Oil Production Taxes - Effective April 1, 1999, the Department introduced a third-tier Crown royalty and freehold oil production tax rates. Oil produced from any vertical well drilled on or after April 1, 1999 receive a reduction in Crown royalties and freehold oil production tax under the third-tier status. Third tier status also applies to production from inactive wells that are reactivated and enhanced recovery projects that begin after April 1, 1999.

Manitoba Drilling Incentive Program , (1992-2004) - The Manitoba Drilling Incentive Program provides licensees of wells drilled after January 1, 1992 and before January 1, 2004 a holiday oil volume of production that is exempt from Crown royalties or freehold production taxes; the holiday volume earned is a function of oil price and location of the new well with respect to other wells. Holiday oil volumes of up to 10 000 cubic metres can be earned by a new well. In the ninth year of this program, 56 wells earned an average of 7 365.3 cubic metres of holiday oil volume. A total of 158 wells were producing holiday oil under the program in December 2000. In 2000, 28 wells produced their entire holiday oil volume.

A special deep formation holiday oil volume of 50 000 cubic metres is provided for the first producing well in each deep formation from which there is currently no production. No claims have been made for the special deep formation incentive.

Any horizontal well drilled prior to January 1, 2004 receives a holiday oil volume of 10,000 cubic metres. Twenty-three horizontal wells were drilled in 2000.

Effective November 11, 1995, any marginal well where a workover is completed prior to January 1, 2004, receives a 500 cubic metre holiday oil volume. A marginal well is defined as a well that, over the previous 12 months, has been shut-in or has an average production rate of less than 1 cubic metre per operating day. Major workovers include the re-entry of abandoned wells, deepening or recompletion of existing wells from one pool to another and the repair of the casing in a well. Twelve wells were producing under the program in December 2000.

A booklet entitled *Manitoba Petroleum Fiscal Regime* providing detailed information on the drilling incentive program, provincial Crown royalties and provincial freehold oil production taxes is available from the Branch.

Performance Deposits and the Abandonment Fund Reserve Account – The section administers trust accounts for performance deposits and the Abandonment Fund Reserve Account. Applications for licences or permits issued under The Oil and Gas Act are required to submit a performance deposit to ensure operations comply with the Act and regulation. These deposits are held in trust until required rehabilitation work has been completed. Approximately $1.25 million in cash, term deposits and letters of credit are administered.

The Abandonment Fund Reserve Account is established under The Oil and Gas Act to ensure sites damaged by oil and gas operations are properly rehabilitated. The fund is generated through levies on licences and permits issued under the act, inactive well levies and interest. As of March 31, 2001, the balance in th3e account was $184,502.06. A detailed report on the fund is included on page 85.

Geology - Geology prepares reports on Manitoba's petroleum geology and hydrocarbon potential to encourage and assist in the exploration and development of the province's oil and gas resources. A system for the designation of field and pool boundaries is maintained. As of December 31, 2000, Manitoba had 13 oil fields and 161 active pools. Field and pool codes for 46 new wells were assigned during 2000/01.

In addition, Geology provides consultation and assistance to the public and the petroleum industry.

Accomplishments in 2000/01 include:

- completed the following new maps for the Stratigraphic Map Series:
  - J-1a Jurassic Erosional Surface: structure contour (1:1 000 000)
  - J-1b Jurassic Erosional Surface: structure contour (1:125 000)
  - KSR-1a Cretaceous: structure contour on Swan River Formation (1:1 000 000)
  - KSR-2a Cretaceous: isopach of Swan River Formation (1:1 000 000)
  - KSR-1b Cretaceous: structure contour on Swan River Formation (1:125 000)
  - KSR-2b Cretaceous: isopach of Swan River Formation (1:125 000);
- renewed a 5-year Memorandum of Understanding between Manitoba and North Dakota on July 17, 2000 that provides an instrument to pursue a cooperative and coordinated approach to mineral development issues of mutual interest. A coordination Committee with representatives from the Petroleum and Geological Services branches and the North Dakota Geological Survey was also formed to meet the objectives of the agreement; and,
- published a paper on "Manitoba's Petroleum Resources and Current Issues" in the Western Environment Business Magazine, Fall 2000 issue.

Geology has been involved in the assessment and evaluation of the petroleum potential of Crown lands in southwestern Manitoba as part of Manitoba's Protected Areas Initiative. During the year, the Section formed a committee of geologists with representatives from industry, academia and government to evaluate candidate sites proposed for protection under the Initiative.

Engineering and Inspection Section

Engineering Unit - Under the authority of the Drilling and Production Regulation and the Geophysical Regulation, Engineering processes drilling licences, geophysical licences and applications to recomplete, suspend, or abandon wells. It also issues permits for all field processing facilities. In 2000/01, a total of 96 drilling licences and 15 geophysical licences were issued. In addition, 95 technical well operations applications were processed.

Technical studies are undertaken of oil and gas reserves and enhanced recovery potential. As of December 31, 1999, total and remaining proved developed oil reserves in Manitoba were 37.4 106m3 and 3.78 106m3, respectively. Reserve additions in 1999 were 180.1 103m3, replacing 31% of production. The reserve life index at the end of 1999 was 6.5 years. Three new or expanded enhanced oil recovery (EOR) projects were approved in 2000/01 and the projects qualified for third tier EOR production.

Information and advice are provided to the petroleum industry and the public at the Winnipeg, Virden and Waskada offices. In 2000/01, a project was commenced to scan the Branch's reservoir engineering studies and oil pool data and make this information available on the Branch's website in summer 2001.

A technical paper outlining horizontal drilling activity in Manitoba's oil patch was presented at the 8th International Williston Basin Horizontal Well Workshop in Bismarck, North Dakota.

During 2000/01 the Branch, in cooperation with Manitoba Conservation, conducted air quality monitoring for oil battery emissions of hydrogen sulphide and sulphur dioxide in the towns of Virden, Pierson, and Waskada and near Tilston. During the year levels of hydrogen sulphide above the ambient air quality objective of 11 parts per billion were only detected on only two occasions for a total of 3 hours.

The Branch completed consultation with the petroleum industry and the public on amendments to the Drilling and Production Regulation. Proposed regulatory amendments covering five main issues - solution gas flaring and venting, hydrogen sulphide safety guidelines, funding of government abandonments, operation of wells with casing leaks, and improved administrative processes - have been prepared and are awaiting approval.

Inspection Unit - Inspection enforces regulations under The Oil and Gas Act related to geophysical, drilling, production, and pipeline operations. Specifically, the inspectors license and inspect field facilities, investigate complaints, witness specific operations, and interpret and communicate departmental or regulatory requirements to industry personnel. The inspectors are also responsible for carrying out safety and health inspections of petroleum industry operations under The Workplace Safety and Health Act. District offices are located in Virden and Waskada.

Each of the more than 2,000 production related wells and facilities in the province were inspected at least once during the year. A total of 59 non-compliance orders were issued in 2000/01 for wells and oil and gas facilities not in compliance with the Act. A total of 64 applications related to oil and gas facilities were processed and 88 excavation permits issued. Inspectors visit all abandoned wellsites to ensure that the abandonment and clean up have been conducted properly and that plant growth has been established. During 2000/01, 60 wells were issued a Certificate of Abandonment, allowing for the release of the well from performance deposit requirements. The unit also manages a program of environmental protection involving the reclamation of all oil or salt water spill sites. During 2000/01, 50 spills were inspected. Inspection participated on the steering committee of the Manitoba Producers Oil Spill Cooperative and represents the Department on the Petroleum Safety Council. The unit also takes an active role in the management of oilfield waste and other environmental issues facing the petroleum industry.

The Inspection Unit issued two improvement orders and investigated four accidents under The Workplace Safety and Health Act in 2000/01. A number of incidents involving hydrogen sulfide and sulfur dioxide gas emissions from wells and oil and gas facilities were investigated.

Digital Information Services Section

Digital Information Services is responsible for development and maintenance of computer systems within the Branch as well as conducting special projects as assigned by the Director.

In 2000/01 the section continued to focus on development and support of the Manitoba Oil and Gas Well Information System. This historical database contains technical and statistical information regarding all oil and gas wells within the province. The section also undertook a number of initiatives to allow the inclusion of oilfield data into GIS systems. It also maintains the Branch's website. Accomplishments for 2000/01 include:

- Technical well file images were made available to industry. This required the completion of image indexing and the incorporation of the information within Oracle to allow for file extractions. This service has been used by a number of companies.
- Participated in the planning for an image retrieval system, which will be based in Oracle, and will be implement using web based technology.
- Continued support of the website. The site continues to grow which has required the assignment of a Branch website coordinator.
- GIS activities include the capture of spill, rehabilitation activity, lease roads and flowlines. Work on flowlines will continue into 2001/02. Participated in a test project to display MOGWIS information on the map server.
- Began work on a program to assist Administration in streamlining audits of Crown royality and tax payments. This will continue into 2001/02 with an expected completion by fiscal year end.
- Created a number of new applications for the Branch which allow tracking of service rigs, problem abandonments and casing leaks.
- Expanded the availability of Branch information within the Department to include software packages included as a standard desktop install (MS Office).

Abandonment Fund Reserve Account - The Account is established under The Oil and Gas Act. Non-refundable levies on geophysical and well licences, battery operating permits and inactive wells are deposited in the fund. The Account is to be used as a source of funds to operate or abandon a well or facility in non-compliance with the Act, where the licensee of the well or facility fails to do so. The fund can also be used to rehabilitate the site of an abandoned well or facility or to address any adverse effect on property caused by a well or facility. Expenditure from the Account on behalf of a licensee automatically creates a debt of the licensee to the Crown, recoverable in a court.

Abandonment Fund Account Activity

Opening Balance (April 1, 2000)				**138,198.98**
Deposits				
Licences				**19,900.00**
Permits				**300.00**
Inactive Wells				**26,700.00**
Interest				**3,871.99**
Expenditures				**(1,373.50)**
Shannon Abandonments				
Tapp, Phillip	27-Oct-00	Crop loss on NW/4 18-11-26	240.00	
Forbes Excavation	27-Oct-00	Clean up of 14-18-11-26	1,133.50	
		Total	1,373.50	
Recovery of Expenditures				**0**
Closing Balance (March 31, 2001)				**187,597.47**

Minister's and Director's Approvals - Under The Oil and Gas Act, the Minister and the Director of Petroleum have authority to issue orders relating to drilling, production, storage and transportation of oil and gas. The Minister has authority to make orders relating to well spacing, enhanced recovery and maximum production rates. The Minister has delegated this authority to the Director where the circumstances are considered routine. The Director has authority to issue orders relating to salt water disposal, designation of field and pools and designation of new oil status.

In 2000/01, the following Ministerial Orders were issued:

Validation of Agreements Order No. 2, Oct. 4, 2000
EOG Resources Canada Inc.

Unit Agreement* Nov. 3, 2000
Approval of Unit Agreement-Birdtail Unit No. 2

Pipeline Modification Sept. 11, 2000
Imperial Oil approval to install new electrical and control equipment at its Gretna pump station

Pipeline Modification Feb. 2, 2001
Imperial Oil approval to relocate and lower its pipeline to accommodate twinning of PTH 59 and construction of the Seine River Diversion Channel

Pipeline Modification Mar. 21, 2001
Enbridge Pipeline Virden Inc. approval to construct a 1.4 km pipeline addition in the Virden Field

*order made by Director of Petroleum under delegation

In 2000/01, the Director of Petroleum made the following orders:

SWD Permit No. 175 Nov. 20, 2000
Kiwi Mustang Daly SWD A7-32-9-28 (WPM)

SWD Permit No. 176 Nov. 20, 2000
Alliance Corsair et al S. Linklater SWD 16-6-6-28 (WPM)

SWD Permit No. 177 Dec. 5, 2000
Tundra Whitewater SWD RE8-17-3-21 (WPM)

SWD Permit No. 178 Dec. 18, 2000
Renaissance Kirkella Prov. DIR SWD 2-10-12-29 (WPM)

Field Order Jan. 1, 2001
Fields designated under clause 11(4)(b) of The Oil and Gas Act

Pool Order Jan. 1, 2001
Pools designated under clause 11(4)(b) of The Oil and Gas Act

Petroleum Industry Overview – 2000:

New Wells Drilled	68
Oil Production	621 360 m3 (3,910,159 bbls)
Value of Oil Sales ($million)	$163.9
Average Selling Price	$266.16/m3 ($42.30/bbl)
Wells Producing - December 2000	1,232
Estimated Industry Expenditures ($million)	$84.8

More comprehensive information and historical statistics on Manitoba's petroleum industry is presented in the Oil Activity Review available from the Petroleum Branch. The 2000 edition is scheduled for publication in August 2001.

12-3(c) Petroleum

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	969.6	21.00	1,000.5	(30.9)	
Total Other Expenditures	356.1		337.3	18.8	
Total Expenditures	**1,325.7**	**21.00**	**1,337.8**	**(12.1)**	

AMORTIZATION OF CAPITAL ASSETS

Commencing in 1999/2000, it is the policy of the Province of Manitoba to record in the accounts of the Province, the tangible capital assets owned and used by the Province along with appropriate amortization costs. The Provincial Comptroller has established standard asset classes, along with capitalization thresholds and corresponding amortization rates. Consistent with this policy, this sub-appropriation records the costs associated with the amortization of the Department's share of the total estimated costs of the Desktop Management Initiative and Enterprise System Management allocated to the Department. In the case of Desktop, based on units acquired by the Department as a percentage of total units acquired by the Province and, in the case of Enterprise System Management, by projected departmental used. A small amount is also included for the amortization of other departmental assets.

12-9(a) Amortization of Capital Assets

Expenditures by Sub-Appropriation	Actual 2000/01 $	Estimate 2000/01 FTE	Estimate 2000/01 $	Variance Over (Under)	Expl. No.
Amortization of Capital Assets	32.5		32.5	0.0	
Total Expenditures	**32.56**		**32.5**	**0.0**	

Petroleum (Conservation)

Reconciliation Statements

EXPENDITURE DETAILS	2000/01 ESTIMATES
2000-01 MAIN ESTIMATES	0.0
ALLOCATION OF FUNDS TO:	
- Department of Industry, Trade and Mines	1,370.3
2000-01 ESTIMATE	1,370.3

EXPENDITURE DETAILS	2000/01 ESTIMATES
2000-01 MAIN ESTIMATES	0.0
ALLOCATION OF REVENUE TO:	
- Department of Industry, Trade and Mines	6,857.2
2000-01 ESTIMATE	6,857.2

Branch of Petroleum (Conservation)
Expenditure Summary
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Estimate 2000/01 $	Appropriation	Actual 2000/01 $	Actual 1999/2000 $	Increase (Decrease) $	Explanation Number
	12-3 Resource Programs				
	(c) Petroleum				
1,000.5	Salaries & Employee Benefits	969.6	916.3	53.3	
337.3	Other	356.1	325.0	31.1	
1,337.8	TOTAL 12-3	1,325.7	1,241.3	84.4	
	12-9 Amortization of Capital Assets				
32.5	(a) Amortization of Capital Assets	32.5	32.5	0.0	
32.5	TOTAL 12-9	32.5	32.5	0.0	
1,370.3	TOTAL FOR PETROLEUM	1,358.2	1,273.8	84.4	

Branch of Petroleum (Conservation)
Revenue Summary by Source
For Fiscal Year Ended March 31, 2001 (with comparative figures for the previous year)

Actual 1999/2000 $	Actual 2000/01 $	Increase (Decrease) $	Source	Actual 2000/01 $	Estimate 2000/01 $	Variance $	Explanation Number
			Current Operating Programs:				
			Taxation				
3,303.4	4,838.1	1,534.7	(a) Oil and Natural Gas Tax	4,838.1	3,569.9	1,268.2	1
3,303.4	4,838.1	1,534.7	Sub-Total	4,838.1	3,569.9	1,268.2	
			Other Revenue				
2,887.7	3,880.4	992.7	(a) Petroleum Royalties and Fees	3,880.4	3,287.3	593.1	2
0.1	0.0	(0.1)	(b) Sundry	0.0	0.0	0.0	
2,887.8	3,880.4	992.6	Sub-Total	3,880.4	3,287.3	593.1	
6,191.2	8,718.5	2,527.3	TOTAL REVENUE	8,718.5	6,857.2	1,861.3	

Branch of Petroleum (Conservation)
Revenue Summary Explanations

Explanation Number:

1 *Increase Actual vs Actual - 1,534.7*
In 2000/01, production and price per cubic meter were both higher than 1999/2000 levels.

Increase Estimate vs Actual - 1,268.2
Actual production and price per cubic meter were both higher than budgeted.

2 *Increase Actual vs Actual - 992.7*
In 2000/01, production and price per cubic meter were both higher than 1999/2000 levels. In 2000/01 103,338 hectares were leased as opposed to 85,388 hectares in 1999/2000.

Increase Estimate vs Actual - 593.1
Actual production and price per cubic meter were both higher than budgeted.

Branch of Petroleum
Five-Year Expenditure and Staffing Summary by Appropriation ($000s)
For Five Years Ended March 31, 1997 - March 31, 2001

	Actual/*Adjusted Expenditures									
	1996-97		1997-98		1998-99		1999-2000		2000-01	
Appropriation	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**
Resource Programs	20.00	1,943.1	20.00	1,709.4	21.00	1,578.6	21.00	1,241.3	20.00	1,325.7
Amortization of Capital Assets								32.5		32.5
TOTAL OPERATING	20.00	1,943.1	20.00	1,709.4	21.00	1,578.6	21.00	1,273.8	20.00	1,358.2
Expenditures Related to Capital										
TOTAL	20.00	1,943.1	20.00	1,709.4	21.00	1,578.6	21.00	1,273.8	20.00	1,358.2

* - Adjusted figures reflect historical data on a comparable basis in those appropriations affected by reorganizations during the five years.

** - Change in Government policy regarding capital assets and amortization effective 1998/99

APPENDIX A

ASSOCIATED AGENCIES, BOARDS, COMMISSIONS, and COUNCILS

THE MANITOBA DESIGN INSTITUTE

The Manitoba Design Institute was established by an Act of the Legislative Assembly in 1963. The Institute had no operating budget or staff in 2000/01.

THE MANITOBA DEVELOPMENT CORPORATION

The Manitoba Development Corporation (MDC) provides loans and loan guarantees under Part 2, The Development Corporation Act. MDC tables its annual financial statements under separate cover with the Manitoba Legislature.

THE MANITOBA TRADE AND INVESTMENT CORPORATION

The Manitoba Trade and Investment Corporation (Manitoba Trade and Investment) was established in 1974 as the Manitoba Trading Corporation to encourage, develop and increase trade between Manitoba and the world. The Manitoba Government's ***"Framework for Economic Growth"*** released in 1993 directed the Corporation to act as the focal point for all export activities. The Corporation can utilize a variety of government and private sector resources to achieve its objectives. The Corporation is administered by the Manitoba Trade and Investment Marketing Branch of the Department of Industry, Trade and Mines and reports to a board of directors. The Corporation tables an annual report under separate cover with the Manitoba legislature.

THE CO-OPERATIVE LOANS AND LOANS GUARANTEE BOARD

Under the Co-operative Associations Loans and Loans Guarantee Act the Co-operative Loans and Loans Guarantee Board is empowered to make loans or guarantee loans to co-operative organizations in Manitoba. A major objective is to ensure that co-operative organizations have access to basic financial services necessary for the development and expansion of viable enterprises to maximize the benefits of economic activity. The Board tables an annual report under separate cover with the Manitoba legislature.

THE COOPERATIVE PROMOTION BOARD

The mandate of The Co-operative Promotion Board is to assist in the development of co-operative organizations; to promote the general welfare of co-operative organization and rural residents; and, to make recommends with respect to co-operative organizations and related legislation. The Board tables an annual report under separate cover with the Manitoba legislature.

THE MANITOBA HORSE RACING COMMISSION

The Commission supervises and regulates horse racing and the operation of race tracks in Manitoba. The Commission tables an annual report under separate cover with the Manitoba legislature.

THE ECONOMIC INNOVATION & TECHNOLOGY COUNCIL

Since 1992, the Economic Innovation and Technology Council (EITC) has been the Province's advisory council on economic development and innovation. Established by the Economic Innovation and Technology Council Act, EITC serves as an interface between government and stakeholders from business, industry, institutions and academia, and acts as a catalyst in establishing partnerships and alliances for increased economic development through innovation. Analytical research, report and administrative support for the council and its activities are provided for by a secretariat. The Council tables an annual report under separate cover with the Manitoba legislature.

THE INDUSTRIAL TECHNOLOY CENTRE

The Industrial Technology Centre (IEC) was established in 1979 and commenced operations as a Special Operating Agency on April 1, 1996. ITC provides a wide range of technical services in support of technology-based economic development in Manitoba. The Centre tables an annual report under separate cover with the Manitoba legislature.

APPENDIX B

FINANCIAL INFORMATION

Industry, Trade & Mines
Summary of Business Assistance
2000 - 2001 Fiscal Year

ASSOCIATION CONTRIBUTIONS	81,447.50
FEASIBILITY STUDIES/PROJECTS	144,125.21
FORGIVABLE LOANS	62,145.19
MANITOBA CENTRES OF EXCELLENCE FUND	292,436.00
MANITOBA HEALTH RESEARCH INITIATIVE	3,000,000.00
MANITOBA HORSE RACING COMMISSION	141,800.00
MANITOBA INNOVATIONS FUND	6,991,721.02
MANITOBA PROSPECTORS ASSISTANCE PROGRAM	106,351.17
MINERAL EXPLORATION ASSISTANCE PROGRAM	2,750,000.00
NEW BUSINESS ASSISTANCE - TECHNOLOGY COMMERCIALIZATION	268,995.00
SCIENCE FAIRS AND SYMPOSIUMS	8,100.00
SMALL BUSINESS AND ENTREPRENEURIAL DEVELOPMENT	30,000.00
SPECIAL ASSISTANCE	1,138,579.75
SPECIALTY MINERALS INCENTIVE PROGRAM	17,543.26
STUDENT BURSARY	300.00
TRADE ASSISTANCE PROGRAM	159,228.73
TRANSFER PAYMENTS	2,059,356.58
	$ 17,252,129.41

* - In the preparation of the Summary of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

ASSOCIATION CONTRIBUTIONS	
Canadian Manufacturers & Exporters	14,072.50
Manitoba Aerospace Association Inc	22,375.00
Manitoba Call Centre Association	45,000.00
	$ 81,447.50
FEASIBILITY PROJECTS/STUDIES	
4077131 Manitoba Ltd	9,000.00
Acsion Industries Inc	15,000.00
Anishinaabe Mino-Ayaawin Inc	7,500.00
Brawd Mfg Inc	3,000.00
Burnbrae Farms Ltd	22,030.21
DSTB Inc	5,000.00
Intermedia International Inc	10,000.00
KBS Industries Inc	7,500.00
Kovalik Enterprises Ltd	14,500.00
Paramatic Ind Ltd	8,970.00
Proteometrics Canada Ltd	4,750.00
Triple B Farms Ltd	7,000.00
Websar Laboratories And Empex Inc	25,000.00
Western Tanners Ltd	4,875.00
	$ 144,125.21
FORGIVEABLE LOANS	
Fine Line Communications Ltd	62,145.19
	$ 62,145.19
MANITOBA CENTRES OF EXCELLENCE FUND	
University of Manitoba, Centres of Excellence Fund	292,436.00
	$ 292,436.00

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

MANITOBA HEALTH RESEARCH INITIATIVE	
Cancercare Manitoba	235,651.00
Children's Hospital Foundation	139,324.00
Health Sciences Centre	482,318.00
St Boniface General Hospital	726,208.00
University of Manitoba	1,416,499.00
	$ 3,000,000.00
MANITOBA HORSE RACING COMMISSION	
Manitoba Horse Racing Commission	141,800.00
	$ 141,800.00
MANITOBA INNOVATIONS FUND	
Manitoba Health Research Council	992,351.00
St Boniface General Hospital	410,319.00
University of Brandon	200,641.90
University of Manitoba	5,176,217.06
University of Winnipeg	212,192.06
	$ 6,991,721.02
MANITOBA PROSPECTORS' ASSISTANCE PROGRAM	
Birch, Ralph	7,500.00
Brown, James	2,632.44
Busch, David	3,587.69
Chaboyer, Emile T	7,500.00
Colon, Headley	2,519.68
De Graff, Ken	7,412.02
Dunlop, Peter	3,083.03
Fogwill, W Douglas	1,313.02
Hood, William	2,317.80
Kuran, William S	7,414.55
Lee, John	569.66
Masson, Stephen	7,500.00
McLeod, Charles	7,500.00
McLeod, James Allan	7,500.00

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

Murray, Brian	7,500.00
Rastel, James	3,186.56
Royer, Guy	5,405.40
Sopotiuk, John	7,500.00
Thorne, Albert	2,981.00
Turner, Sedley	4,659.29
Westdal, Harold	6,769.03
	$ 106,351.17

MINERAL EXPLORATION ASSISTANCE PROGRAM

Arc Metals	16,273.13
Aur Resources Inc	197,025.05
Avalon Ventures Ltd	52,803.14
Bell Resources Corp	12,634.77
Berland Resources Ltd	25,000.00
Binco Resources Corporation	270,484.09
Busch, David	13,436.63
Callinan Mines Ltd	130,108.68
Cominco Ltd	188,290.91
Creeman Consulting and Resources	5,180.00
Dunlop, Peter	3,789.67
Exploratus Elements Diversis Ltd	34,009.57
Falconbridge Ltd	383,087.62
First Choice Industries Ltd	6,156.67
Fort Knox Gold Resources Inc	25,000.00
Gowest Amalgamated Resources Ltd	52,470.88
Hudson Bay Exploration and Development Co Ltd	256,822.92
Kennecott Canada Exploration Inc	232,454.86
Kuran, William S	12,249.20
Manquest Resources Corp	16,538.15
Nuinsco Resources Ltd	216,631.03
Phelps Dodge Corp of Canada Ltd	20,574.97
Rare Earth Metals Corporation	100,205.72
Redstar Resources Corp	5,183.81
San Gold Resources Corp	74,417.65
Strider Resources Ltd	22,541.75
Synergy Explorations Ltd	5,428.64

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

Tantalum Mining Corp of Canada Ltd	45,918.95
Tudale Exploration Ltd	29,831.22
Turner, Sedley	5,496.52
Union Gold Inc	24,610.60
W Bruce Dunlop Ltd	16,268.82
Wildcat Exploration Ltd	67,989.63
Wolfden Resources Inc	181,084.75
	$ 2,750,000.00

NEW BUSINESS ASSISTANCE - TECHNOLOGY COMMERCIALIZATION

Accufast Inc	20,535.44
Acsion Industries Inc	33,264.24
AG Waste Management Corp	37,350.00
AG-Quest Inc	4,143.09
Crathorne Canada Ltd	1,725.00
E & M Automotion Inc	15,000.00
Engineered Power Components Ltd	8,524.73
Frantic Films	20,000.00
Hanover Door Systems (1996) Inc	5,111.74
Ingenuity Com Inc	11,854.27
Mcleod Harvest Inc	50,000.00
Riverbend Millwork & Fixtures Ltd	2,853.80
State Industries Ltd	24,877.20
Tri-Met Instruments Ltd	6,252.58
Unies Ltd	172.81
Vansco Electronics Ltd	5,231.23
Wardrop Engineering Inc	17,189.12
Wehnersound Ltd	3,750.00
Winnipeg Street Solutions Inc	1,159.75
	$ 268,995.00

SCIENCE FAIRS AND SYMPOSIUMS

Manitoba Schools Science Symposium	2,700.00
Northern Manitoba Regional Science	2,700.00
Western Manitoba Science Fair	2,700.00
	$ 8,100.00

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

SMALL BUSINESS AND ENTREPRENEURIAL DEVELOPMENT	
Manitoba Marketing Network Inc	30,000.00
	$ 30,000.00
SPECIAL ASSISTANCE	
Canadian Industrial Innovation	12,650.00
Churchill Northern Studies Centre	44,949.00
Economic Development Council	25,000.00
Economic Innovation and Technology Council	25,000.00
Frontier Aircraft Canada Inc	22,490.08
Internal Trade Secretariat	17,237.00
Keewatin Community College	20,000.00
KPMG Consulting LP	16,253.67
Manfilm.Com	1,500.00
Manitoba Call Centre Association	9,500.00
Manitoba Motion Picture Industries Association	5,000.00
Site Production Inc	6,500.00
St Boniface General Hospital	105,000.00
TR Labs	480,000.00
Western Economic Diversification	15,000.00
Whiteshell Economic Development Authority	137,500.00
Winnipeg Airports Authority Inc	125,000.00
Winpak Ltd	70,000.00
Winnport Air Cargo	2,354.00
	$ 1,138,579.75
SPECIALTY MINERALS INCENTIVE PROGRAM	
Berger Group Ltd	15,000.00
Bird River Mines Co Ltd	2,543.26
	$ 17,543.26
STUDENT BURSARY	
Assiniboine Community College	300.00
	$ 300.00

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

TRADE ASSISTANCE PROGRAM

Accufast Inc	3,000.00
Adapsys	3,000.00
AG Shield Mfg	3,000.00
Agri-Tec Canada Inc	1,899.00
Airmaster Sales Ltd	3,000.00
AML Wireless Systems Inc	3,000.00
Arne's Trailer Sales	3,000.00
B A Evans & Associates Inc	1,000.00
Blasted Art Inc	2,500.00
Botanical Paperworks	2,813.00
Brawd Mfg Inc	2,950.00
Circle "C" Red Angus	1,570.00
Cromer Valley Construction	575.00
Crown Cap (1987) Ltd	3,000.00
Custom Castings Ltd	3,000.00
Daher Manufacturing Inc	3,000.00
Demaco Enterprises	3,000.00
Doncar Systems Inc	3,000.00
East-Man Feeds	722.25
Fresh Hemp Foods Ltd	3,000.00
Geppetto's	2,178.83
Gorfam Holdings Ltd	3,000.00
Great Performance Products	3,000.00
Great West Van Conversions Inc	3,000.00
Hugs International Inc	1,200.00
K9 Storm Inc	2,300.00
Loewen Manufacturing Co Ltd	3,000.00
Mad Creations	2,800.00
Mayer Zev Enterprises Ltd	3,000.00
McKague Gary	442.50
Med-U-Care Health Inc	984.40
Melet Plastics Inc	3,000.00
Meridian Health Inc	3,000.00
Mid-Continental Dental Supply Co	1,500.00
Mikayla Designs	3,000.00
Minic Industries Ltd	908.00
Nord-Sen Metal Industries Ltd	1,840.00
Northland Superior Supply Co Ltd	3,000.00

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX C

FINANCIAL INFORMATION

Industry, Trade & Mines
List of Business Assistance
2000 - 2001 Fiscal Year

Novadaq Technologies Inc	3,000.00
Omega Sign Systems Inc	2,535.99
Osorno Enterprises Inc	3,000.00
Pioneer Log Furniture	2,450.00
Polar Trails	3,000.00
Postime Inc	1,870.00
Prairie Lane Saskatoons Inc	3,000.00
Prima Ventures Inc	1,800.00
Rancan Fertilizer Systems Inc	3,000.00
RC Enterprises Inc	3,000.00
Resource Monitoring 2000	2,041.00
Rimer Alco North America	3,000.00
Riverbend Millwork & Fixtures Ltd	1,600.00
Roy Legumex Inc	2,925.00
Sabourin Seed Service Ltd	2,925.00
Scoot Around Inc	1,798.00
Sterling Glove Co Ltd	2,583.76
Tallow Chandlers	1,867.00
Ultra Span Technologies Inc	3,000.00
Unique Concepts Ltd	3,000.00
Vista Medical Ltd	3,000.00
Walinga Inc	2,355.00
Western Grain Dryer Inc	2,295.00
Winnipeg Machine Works Ltd	3,000.00
Winpak Ltd	3,000.00
Wolf Products Ltd	3,000.00
	$ 159,228.73

ASSOCIATION CONTRIBUTIONS

Economic Innovation and Technology Council	1,023,900.00
Economic Innovation and Technology Fund	270,456.58
Industrial Technology Centre	765,000.00
	$ 2,059,356.58

TOTAL **$ 17,252,129.41**

* - In the preparation of the List of Business Assistance, estimates are sometimes necessary because a precise determination of certain expenditures is dependant on future events.

APPENDIX D

MINERAL RESOURCES DIVISION PUBLICATIONS

Technical Publications

Open File Reports

OF99-16
Multimedia geochemical signatures of a REE-enriched britholite-allanite zone in the Eden Lake aegirine-augite syenite, Lynn Lake area, northwestern Manitoba (NTS 64C/9) / Fedikow, M.A.F. and Ziehlke, D.V.

OF2000-1
Manitoba radiocarbon dates / Morlan, R.E., McNeely, R., and Nielsen, E.

OF2000-2 (CD-ROM)
Operation Superior: multimedia geochemical and mineralogical survey results from the southern portion of the Knee Lake greenstone belt, northern Superior Province, Manitoba (NTS 53L) / Fedikow, M.A.F., Nielsen, E., Conley, G.G., and Lenton, P.G.

OF2000-3
Metal contents of selected Phanerozoic drill cores and the potential for carbonate-hosted Mississippi Valley-type deposits in Manitoba / Gale, G.H. and Conley, G.G.

OF2000-4
Geochemical flux in black spruce (*Picea mariana)* crowns and the correlation with root water uptake: effects of sample site drainage and tree and crown morphology on crown twig and outer bark metal concentrations / Sailerova, E.

OF2000-5 (CD-ROM)
Preliminary exploration database for platinum-group elements in Manitoba / Peck, D.C., Theyer, P., Hulbert, L.J., Xiong, J., Fedikow, M.A.F., and Cameron, H.D.M.

Economic Geology Reports

ER2000-1 (CD-ROM)
Digital map and database of magmatic Ni-Cu ± PGE occurrences and mafic-ultramafic bodies in Manitoba / Hulbert, L. and Scoates, J. *(Published in collaboration with the Geological Survey of Canada)*

Mineral Deposit Series

MDS No. 24
Mineral deposits and occurrences in the Nightingale Lake area, NTS 63N/1 / Prouse, D.E., Fedikow, M.A.F., and Ostry, G.

MDS No. 32
Mineral deposits and occurrences in the Island Lake area, NTS 53E/15, /16, 53F/13, and parts of 53E/9, /10 and 53F/12 / Theyer, P.

Bedrock Geology Compilation Map Series

NTS 64N
Kasmere Lake, scale 1:50 000.

Report of Activities 2000

Flin Flon – Snow Lake

Geochemistry and metal mobility during silicification of the 1.89 Ga Welch Lake primitive arc basalt, Snow Lake arc assemblage, Snow Lake / Surka, M. and Bailes, A.H., p. 9-11.

Activities of the Flin Flon regional office / Heine, T.H. and Prouse, D.E., p. 12.

Thompson Nickel Belt, Superior Boundary Zone, Fox River Belt

Thompson Nickel Belt project: progress on a new compilation map of the Thompson Nickel Belt (parts of NTS 63F, 63G, 63J, 63O and 63P) / Macek, J.J., McGregor, C.R. and Zwanzig, H.V., p. 13-15.

Thompson Nickel Belt Project: petrographic and chemical characterization of major rock types (parts of NTS 63J, 63O and 63P) / McGregor, C.R., p. 16-17.

Mystery Lake high-strain zones: sinistral and dextral, east-side-up displacements, Thompson Nickel Belt / Zwanzig, H.V., p. 18-23.

Petrographic investigations at Sipiwesk Lake (part of NTS 63J/16) / Lettley, C.D., p. 24-25.

Split Lake Block of the Superior Boundary Zone: petrological, paleomagnetic and geobarometric data for the ca. 1818 Ma Fox Lake pluton (NTS 64A/1, /8) / Harris, M.J., Symons, D.T.A., Blackburn, W.H., Peck, D.C. and Turek, A., p. 26-37.

Geology of the western part of the Fox River Belt (parts of NTS 53M and 53N) / Peck, D.C., Potter, L., Desharnais, G., Scoates, R.F.J., Corkery, M.T. and Böhm, Ch.O., p. 38-41.

Geology and mineral occurrences of the Fox River sill in the Great Falls area, Fox River Belt (part of NTS 53M/16) / Desharnais, G., Peck, D.C., Theyer, P., Potter, L., Huminicki, M., Scoates, R.F.J., Halden, N.M. and Kohut, G., p. 42-48.

Lynn Lake

Controls on gold mineralization associated with the Johnson Shear Zone and Agassiz Metallotect, Lynn Lake greenstone belt: summary of current activities (parts of NTS 64C/10, /11, /12, /14, /15, /16) / Beaumont-Smith, C.J., p. 49-50.

Preliminary structural analysis of the Agassiz Metallotect near the MacLellan and Dot Lake gold deposits, Lynn Lake greenstone belt (parts of NTS 64C/14, /15) / Ma, G., Beaumont-Smith, C.J. and Lentz, D.R., p. 51-56.

Structural analysis of the Johnson Shear Zone in the Gemmell Lake-Dunphy Lakes area, Lynn Lake greenstone belt (parts of NTS 64C/11, /12) / Beaumont-Smith, C.J., p. 57-63.

Detailed structural analysis of the Johnson Shear Zone in the west Gemmell Lake area (NTS 64C/11) / Beaumont-Smith, C.J. and Edwards, C.D., p. 64-68.

Preliminary structural and gold metallogenic studies at the Burnt Timber mine and surrounding area, Lynn Lake greenstone belt (NTS 64C/10) / Jones, L.R., Beaumont-Smith, C.J. and Lafrance B., p. 69-72.

Structural analysis and gold metallogeny of the Farley Lake gold deposit, Lynn Lake greenstone belt (NTS 64C/16) / Beaumont-Smith, C.J., Lentz, D.R. and Tweed, E.A., p. 73-81.

Mineralization-potential mapping: a data-fusion analysis / Rogge, D.M., Halden, N.M. and Beaumont-Smith, C.J., p. 82-90.

Geochemistry and tectonic framework of the Kisseynew Domain-Lynn Lake belt boundary (part of NTS 63P/13) / Zwanzig, H.V., p. 91-96.

U-Pb age of the gabbro and other plutons at Lynn Lake (part of NTS 64C) / Turek, A., Woodhead, J. and Zwanzig H.V., p. 97-104.

Northern Superior

Operation Superior: multimedia geochemical surveys in the Knee Lake greenstone belt (northern half), northern Superior Province, Manitoba (NTS 53L) / Fedikow, M.A.F. and Nielsen, E., p. 105-107.

Western Superior NATMAP: an integrated view of Archean crustal evolution / Percival, J.A., Bailes, A.H., Corkery, M.T., Dubé, B., Harris, J.R., McNicoll, V., Panagapko, D., Parker, J.R., Rogers, N., Sanborn-Barrie, M., Skulski, T., Stone, D., Stott, G.M., Tomlinson, K.Y., Whalen, J.B. and Young, M.D., p. 108-116.

Geological and geochronological investigations in the Stull Lake-Edmund Lake greenstone belt and granitoid rocks of the northwestern Superior Province / Skulski, T., Corkery, M.T., Stone, D., Whalen J.B. and Stern, R.A., p. 117-128.

Geological investigations in the Knee Lake belt (parts of NTS 53L) / Corkery, M.T., Cameron, H.D.M., Lin, S., Skulski, T., Whalen, J.B. and Stern, R.A., p. 129-136.

Southeast Max Lake area (parts of NTS 53L/5N, /6NW, /12SW) / Gilbert, H.P., p. 137-149.

Kinematics of the north and south Pipestone Lake shear zones in the Cross Lake greenstone belt, northwestern Superior Province / Parmenter, A.C., Lin, S. and Corkery, M.T., p. 150-154.

Assean Lake ancient crust: an update / Corkery, M.T., Böhm, Ch.O. and Heaman, L.M., p. 155-160.

Southeast Manitoba

Geology and structure of the North Caribou Terrane-Uchi Subprovince boundary in eastern Manitoba, with emphasis on volcanic and volcaniclastic rocks of the Black Island assemblage / Bailes, A.H. and Percival, J.A., p. 161-174.

New PGE-related results of studies on the Chrome and Page properties, Bird River Sill (NTS 52L/5) Theyer, P., p.175-178.

Phytoremediation and phytomining in Manitoba: preliminary observations from an orientation survey at the Central Manitoba (Au) minesite (NTS 52L/13) / Renault, S., Sailerova, E. and Fedikow, M.A.F., p. 179-188.

Southern Manitoba

Geology of the Winnipeg Region NATMAP Project: 1999-2000 Progress (NTS 62H/W, 62I and 52L/W) / Matile, G.L.D., Thorleifson, L.H., Bamburak, J.D., Bezys, R.K., Burt, A., Conley, G.G., Grant, N., Keller, G.R., Mann, J., McGregor, C.R. and Pyne, M., p. 189-193.

Manitoba Stratigraphic Database and the Capital Region Study, 2000 / Conley, G.G., p. 194-195.

Stratigraphic investigations and corehole drilling program, 2000 / Bezys, R.K., p. 196-201.

Investigations on the Camperville gravity low (parts of NTS 62N/E and 63C/E) / Bamburak, J.D., Hosain, I. T., Fedikow, M.A.F. and Dobrzanski, E., p. 202-209.

Gravity and magnetic profile from Camperville to the Saskatchewan border (parts of NTS 62N/E and 63C/E) / Surasky, A.T. and Minkus, R.S., p. 210-213.

Saline spring geochemistry, west-central Manitoba / Grasby, S.E., p. 214-216.

Aggregate resources in the Rural Municipality of Cameron / Groom, H.D., p. 217-219.

Paleoenvironmental history of the Red River valley since AD 1463 / Nielsen, E. and St. George, S., p. 220-222.

Manitoba General
Bedrock Geology Compilation Map Series / Chackowsky, L. and Lindal, D., p. 223-224.

Mining sector participation in the Protected Areas Initiative / Leskiw, P.D., p. 225.

Industrial minerals of the Churchill area (parts of NTS 54K/13SE and 54L/16SW) / Bamburak, J.D., p. 226-230.

GIS-based interactive maps on the Web / Pacey, M., p. 231.

Preliminary Map Series

2000R-1
Geology of the Black Island-Seymourville area (NTS 62P/1 and 8) / Bailes, A.H. and Percival, J.A., scale 1:20 000.

2000R-2
Geology of the Pipestone Rock-Rice River area (NTS 62P/7 and 8) / Percival, J.A. and Bailes, A.H., scale 1:20 000.

2000S-1
Geology of the Kistigan Lake area (NTS 53K/10) / Corkery, M.T. and Stone, D., scale 1:50 000.

2000S-2
Geology of the Stull Lake area (NTS 53K/7) / Corkery, M.T. and Stone, D., scale 1:50 000

2000S-3
Southeast Max Lake area (parts of NTS 53L/5NW, 12SW) / Gilbert, H.P., scale 1:20 000.

2000S-4
Aswapiswanan Lake east area (part of NTS 53L/6NW) / Gilbert, H.P., scale 1:20 000.

2000S-5
Aswapiswanan Lake west area (parts of NTS 53L/5NE, 6NW) / Gilbert, H.P., scale 1:20 000.

2000S-6
Geology of the Gods Lake area (NTS 53L/9) / Corkery, M.T. and Cameron, H.D.M., scale 1:50 000.

Stratigraphic Map Series

J-1a
Jurassic Erosional Surface – structure contour / Nicolas, M., scale 1:1 000 000

J-1b
Jurassic Erosional Surface – structure contour / Nicolas, M., scale 1:125 000

KSR-1a
Cretaceous – structure contour on Swan River Formation / Nicolas, M., scate 1:1 000 000

KSR-2a
Cretaceous – isopach of Swan River Formation / Nicolas, M., scate 1:1 000 000

KSR-1b
Cretaceous – structure contour on Swan River Formation / Nicolas, M., scate 1:125 000

KSR-2b
Cretaceous – isopach of Swan River Formation / Nicolas, M., scate 1:125 000

External Publications

Bailes, A.H., Galley, A.G., Huston, D.L., and Scoates, J. 2000: A large, high-temperature, semiconformable alteration (reaction) zone in the stratigraphic footwall to Zn-Pb-Cu VMS deposits at Chisel Lake, Snow Lake, Manitoba; GeoCanada 2000, Calgary, May 29-June 2, 2000, Abstract No. 648.

Böhm, C.O., Heaman, L.M., Creaser, R.A., Corkery, M.T. 2000: The nature of ancient crust and re-configuration of the northwest margin of the Superior Province, Manitoba; GeoCanada 2000, GAC/MAC Annual Meeting, Calgary 2000 (abstract).

Böhm, C.O., Heaman, L.M., Creaser, R.A., Corkery, M.T. 2000: The northwest Superior Province margin in Manitoba: a single Archean-Proterozoic boundary or heterogeneous transition zone?; in Western Superior Transect Sixth Annual Workshop, ed(s). Harrap, R.M. Helmstaedt, H.H., University of British Columbia, Lithoprobe Secretariat, Lithoprobe Report 77.

Böhm, Ch.O., Heaman, L.M., Creaser, R.A., and Corkery, M.T. 2000: Discovery of pre-3.5 Ga exotic crust at the northwestern Superior Province margin, Manitoba; Geology, v. 28, no. 1, p. 75-78.

Fedikow, M.A.F. 1999: Volcanogenic massive sulphide-, shear-hosted gold-, magmatic Ti-V- and fracture controlled rare earth element enzyme leach geochemical surveys in Manitoba; Activation Laboratories Enzyme Leach Workshop, April, 1999, Vancouver, Abstract.

Fedikow, M.A.F. and Nielsen, E. 1999: Recognizing base- and precious metal depositional environments in Archean greenstone belts (northeast Manitoba) using multimedia geochemical surveys; Canadian Institute of Mining and Metallurgy, Saskatoon Branch, January, 1999, Saskatoon, Abstract.

Fedikow, M.A.F., Bezys, R.K., Bamburak, J.D., and Garrett, R.G. 1999: Hunting for elephants In Manitoba: the search for bulk mineable mineralization; Canadian Institute of Mining and Metallurgy, Winnipeg Branch, Government Night, March, 1999, Winnipeg, Abstract.

Fox, J.N. 2000, Horizontal Drilling in Manitoba; in Eighth International Williston Basin Horizontal Well Workshop, North Dakota Geological Survey, Saskatchewan Energy and Mines, p. A1-A16.

Lin, S., Corkery, M.T., Davis, D.W., Bailes, A.H., Syme, E.C. 2000: Kinematics and geochronology of shear zones in the Gods Lake Narrows area, Gods Lake greenstone belt, NW Superior Province, Manitoba; in Western Superior Transect Sixth Annual Workshop, ed(s). Harrap, R.M. Helmstaedt, H.H.; University of British Columbia, Lithoprobe Secretariat, Lithoprobe Report 77.

Martiniuk, C.D. 2000: Manitoba's Petroleum Resources and Current Issues; Western Environment Business, v. 2, no. 2, Fall 2000, p. 10-11

Nielsen, E. 2000: Effects of inundation stress on tamarack (Larix larcina): implications for use of trees in monitoring lake-level rise; in 1996 Lake Winnipeg Project: cruise report and scientific results, Geological Survey of Canada, Open File 3470, p. 403-411.

Nielsen, E. 2000: Lake Winnipeg submergence and tree-ring responses to water-level changes; in 1996 Lake Winnipeg Project: cruise report and scientific results; Geological Survey of Canada, Open File 3470, p. 325-331.

Paradis, S., Bailes, A.H., Galley, A.G. 2000: Regional alteration systems associated with Snow Lake VMS deposits, Manitoba; GeoCanada 2000, Calgary, May 29-June 2, 2000, Abstract No. 464.

Percival, J.A., Whalen, J.B. 2000: Observations on the North Caribou terrane-Uchi Subprovince interface in western Ontario and eastern Manitoba; Geological Survey of Canada, Current Research 2000-C15, p. 8.

Prouse, D.E. 2000: Manitoba exploration and development highlights 1999; Exploration and development highlights: an annual publication of the Prospectors and Developers Association of Canada, March 2000.

Prouse, D.E. 2000: Manitoba exploration and development highlights 1999; Manitoba Exploration and Mining Review 2000, v. 3, no. 1, p. 9-14.

Sasseville, C., Tomlinson, K.Y. 2000: Structure, stratigraphy, and geochemistry of the Mesoarchean Wallace Lake greenstone belt, southeastern Manitoba; Geological Survey of Canada, Current Research 2000-C14, p. 9.

St. George, S., Nielsen, E. 2000: Signatures of high-magnitude 19th century floods in Quercus macrocarpa (Michx.) tree-rings along the Red River, Manitoba, Canada; Geology, v. 28, p. 899-902.

Teller, J.T., Risberg, J., Matile, G., and Zoltai, S. 2000: Postglacial history and paleoecology of Wampum, Manitoba, a former lagoon in the Lake Agassiz basin; GSA Bulletin, v. 112, no. 6, p. 943-958.

Todd, B.J., Lewis, C.F.M., Forbes, D.L., Thorleifson, L.H., Nielsen, E. 2000: 1996 Lake Winnipeg Project: cruise report and scientific results; Geological Survey of Canada, Open File 3470, 842 pages. 3 maps @ 1:500,000 + 1:333,000.

Viljoen, D., Chackowsky, L., Lenton, P., Vanderkam, R., Broome, H.J. and the NATMAP Shield Margin Working Group 2000: Selected data from the NATMAP Shield Margin Project database; Manitoba Industry, Trade and Mines, Geological Survey, Open File Report OF98-1, CD-ROM (joint publication with the Geological Survey of Canada; GSC Open File D3884).

Manitoba Mining and Minerals Convention Speaker Abstracts
Winnipeg, Manitoba, November 16-18, 2000

Ballard, D. and Huntley, C. 2000: Paradigm shift—short-term outlook to long-term vision; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 41.

Beaumont-Smith, C. 2000: Investigations into controls on gold mineralization in the Lynn Lake greenstone belt: an overview and summary of current activities; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 40.

Bezys, R.K., Fedikow, M.A.F., and Bamburak, J.D. 2000: Prairie-type microdisseminated base and precious metal mineralization in the Devonian of Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 42.

Bogden, G. 2000: Mining finance in difficult times—what can be done?; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 41.

Böhm, Ch.O., Heaman, L.M., Creaser, R.A., and Corkery, M.T. 2000: First two billion years of Manitoba geological history recorded in the Assean Lake ancient crust; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 38.

Comba, D. 2000: The crisis in exploration investment in Canada; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

Corkery, M.T., Skulski, T., Lin, S., Syme, E.C., Bailes, A.H., and Stone, D. 2000: Crustal assembly of the northwest Superior Province; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

Desharnais, G. 2000: Marginal zone of the Fox River sill: a new Cu-Ni-PGE target; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 40.

Fedikow, M.A.F. 2000: Overview of new exploration opportunities in Manitoba (diamonds, PGE, Pb-Zn, sediment-hosted base and precious metals, REE); Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 41.

Fedikow, M.A.F. and Nielsen, E. 2000: Operation Superior: geochemical and mineralogical (KIM, gold grains and MMSIM) results from the 1999 multimedia survey, southern Knee Lake greenstone belt; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 41.

Gale, G.H. 2000: Potential for Mississippi Valley-type (MVT) deposits; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 42.

Ginn, D. 2000: The Bissett gold mine evolution; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

Heaman, L. 2000: Timing of North American kimberlite magmatism: implications for diamond exploration in Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 44.

Hodges, D. 2000: Metal price outlook: choose your wavelength; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 40.

Jensen, M. 2000: Mining and the capital markets: building on success; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 41.

Jones, P. 2000: The 777 Project—a major investment in Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

Ladoucer, N. 2000: Environmental advantage to mining in Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Conver:tion 2000: program, p. 36.

Ladouceur, N. 2000: Safety pays; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 43.

Lesher, C.M., Burnham, O.M., Layton-Matthews, D., Keays, R.R., and Hulbert, L. 2000: Genesis of magmatic Ni-Cu-(PGE) mineralization in the Thompson Nickel Belt, Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 38.

Madden, D. 2000: Cesium formate fluid; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

McAllister, M.L. 2000: Canada—a world leader in sustainable mining?; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

Nielsen, E. and St. George, S. 2000: Red River floods through the centuries: five hundred years of environmental change in southern Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 43.

Peck, D.C. and Robertson, D.J. 2000: The Superior Boundary Zone in Manitoba and Quebec: a Ni-Cu-PGE metallotect; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 43.

Peck, D.C. and Theyer, P. 2000: Platinum group element exploration in Manitoba—new perspectives in 2000; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 42.

Percival, J.A. and Bailes, A.H. 2000: Tectonic history and mineral potential of the western Superior Province margin in the Lake Winnipeg area; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 44.

Rogge, D. and Halden, N.M. 2000: GIS data fusion analysis of digital data for the Lynn Lake belt: an aid for exploration and land use management; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 39

Sanborn-Barrie, M., Skulski, T., Dub, B., and Parker, J. 2000: Regional tectonic controls on deformation, alteration and gold mineralization of the Red Lake greenstone belt; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 43.

Severin, P.W.A. 2000: In quest of nickel—challenges in 2000 and beyond; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 39.

Skulski, T. and Sanborn-Barrie, M. 2000: Pre-Kenoran (>2.72 Ga) history of the Red Lake greenstone belt on the southern margin of the North Caribou craton; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 42.

Stephens, D. 2000: COSDI: where is it now?; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 36.

Strong, K. 2000: Exploration/mining companies and CDNX: a good fit; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 38.

Theyer, P. 2000: Exploration for platinum group elements in southeastern Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 37.

Wyshynski, M. 2000: Keeping the shine on nickel: a Manitoba success story: how Inco at Thompson is working to stay competitive and maintain Manitoba's position as a major supplier to world nickel markets; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 40.

Zerb, W. 2000: Precious metals: a year in review with forecasts for 2001; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 42.

Zwanzig, H.V. 2000: Geochemical and tectonic evolution of the Flin Flon Belt–Kisseynew Domain Boundary Zone; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention 2000: program, p. 39.

Miscellaneous Publications

Geoscience Information Package March 2001
Manitoba Mining and Exploration Directory
Geology and Minerals Publications Price List
Mineral Exploration Assistance Program (MEAP) – booklet and fact sheet
Manitoba Prospectors Assistance Program (MPAP) – booklet and fact sheet
Specialty Minerals Incentive Program (SMIP) – booklet and fact sheet
Release notice (published bimontly)
Mineral Resources Library – fact sheet
Exploration Activity Map – fact sheet

New Web Site Documents

GIS Map Gallery
Exploration and Development Highlights 2000
Exploration Activity Map 2000
Provincial Mining Week 2000
Report of Activities 2000
Geo-Pub-Sales (new geological reports and maps released)
Manitoba Mining Facts
Manitoba Mining News
Properties for Option (new properties added)

APPENDIX E

Industry, Trade and Mines
DEPARTMENTAL DIRECTORY
as at March 2001

Minister, Industry, Trade and Mines
358 Legislative Building
450 Broadway
Winnipeg, MB R3C OV8 945-0067

Deputy Minister, Industry, Trade and Mines
352 Legislative Building
450 Broadway
Winnipeg, MB R3C OV8 945-3751

Assistant Deputy Minister ***Industry Development*** 5th Floor - 155 Carlton Street Winnipeg, MB R3C 3H8 945-2455	**Assistant Deputy Minister** ***Manitoba Trade & Investment Marketing*** 410 – 155 Carlton Street Winnipeg, MB R3C 3H8 945-4769	**Assistant Deputy Minister** ***Mineral Resources*** 360 – 1395 Ellice Avenue Winnipeg, MB R3G 3P2 945-4317
Manitoba Office in Ottawa 512 – 90 Sparks Street Ottawa, ON K1P 5B4 (613) 233-4228		**Economic Innovation and Technology Council** 500 – 155 Carlton Street Winnipeg, MB RC 3H8 945-8900
Manitoba Horse Racing Commission Box 46086 Winnipeg, MB R3R 3S3 885-7770		**Community Economic Development Committee** 648 – 155 Carlton Street Winnipeg, MB R3C 3H8 945-1116
Financial & Administrative Services Director 600 - 155 Carlton Street Winnipeg, MB R3C 3H8 945-3675		**Small Business & Entrepreneurial Development** Director 250 – 240 Graham Avenue Winnipeg, MB R3C 4B3 945-2019
Research & Economic Services Director 675 - 155 Carlton Street Winnipeg, MB R3C 3H8 945-8714		**Access 204 Manitoba** Executive Vice-President 1200 – 155 Carlton Street Winnipeg, MB R3C 3H8 945-0701
Manitoba Bureau Of Statistics Chief Statistician 824 – 155 Carlton Street Winnipeg, MB R3C 3H8 945-2988		**Industrial Technology Centre** Chief Operating Officer Unit 12 – 1329 Niakwa Road E Winnipeg, MB R2J 3T4 945-6126
Industry Development – Consulting Services A/Director 5th Floor – 155 Carlton Street Winnipeg, MB R3C 3H8 945-2455		**Industry Development – Financial Services** Director 5th Floor – 155 Carlton Street Winnipeg, MB R3C 3H8 945-7626

Manitoba Trade & Investment Corporation President 410 – 155 Carlton Street Winnipeg, MB R3C 3H8 945-4769	**Geological Survey** Director 360 – 1395 Ellice Avenue Winnipeg, MB R3G 3P2 945-6556
Canada/Manitoba Business Service Centre 250 – 240 Graham Avenue P.O. Box 2609 Winnipeg, MB R3C 4B3 984-2272	**Regional Geological Survey Office** Barrow Building 143 Main Street Flin Flon, MB R8A 1K2 (204) 687-1633
Western Regional Office 107 – 340 9th Street Brandon, MB R7A 6C2 (204) 726-6257	**Regional Geological Survey Office** Provincial Building 59 Elizabeth Drive Thompson, MB R8N 1X4 (204) 677-6881
Mines Director 360 – 1395 Ellice Avenue Winnipeg, MB R3G 3P2 945-6505	**Core Storage Facilities** 10 Midland Street Winnipeg, MB R3E 2Y6 945-6550
Regional Mining Recording Office Provincial Building 3rd & Ross Avenue, Box 2550 The Pas, MB R9A 1M4 (204) 627-8340	**Petroleum** Director 360 – 1395 Ellice Avenue Winnipeg, MB R3G 3P2 945-6573
Regional Mining Engineering Office Box 700 405 Main Street Russell, MB ROJ 1WO (204) 773-3343	**Petroleum** **Virden District** (Inspection and Publications) 227 King Street Virden, MB ROM 2CO (204) 748-4260
Regional Mining Engineering Office Provincial Building 340 Ninth Street Brandon, MB R7A 6C2 (204) 726-7118	**Petroleum** **Waskada District** 103 Railway Waskada, MB ROM 2EO (204) 673-2472
Mining Board 360 – 1395 Ellice Avenue Winnipeg, MB R3G 3P2 945-6535	